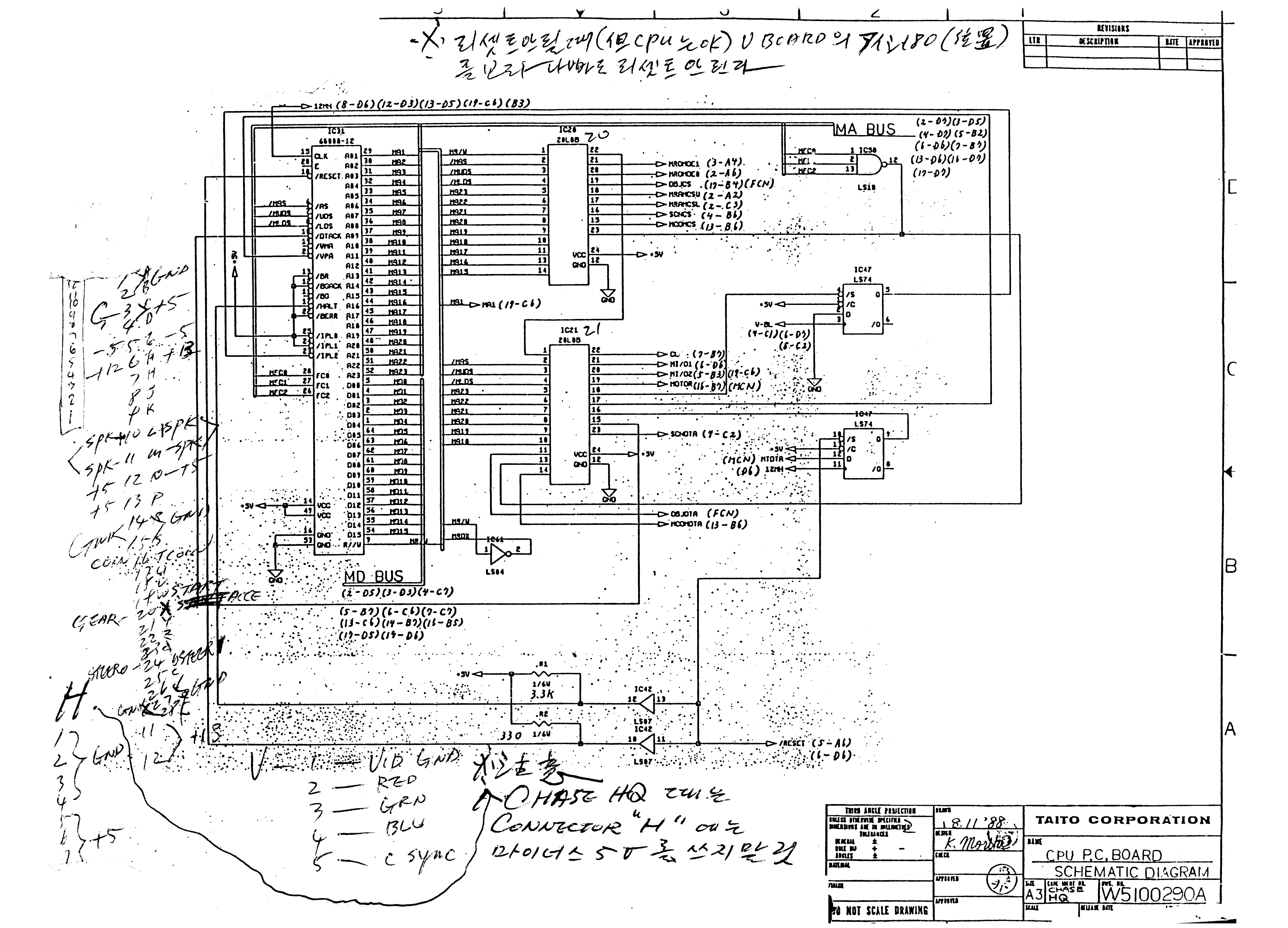
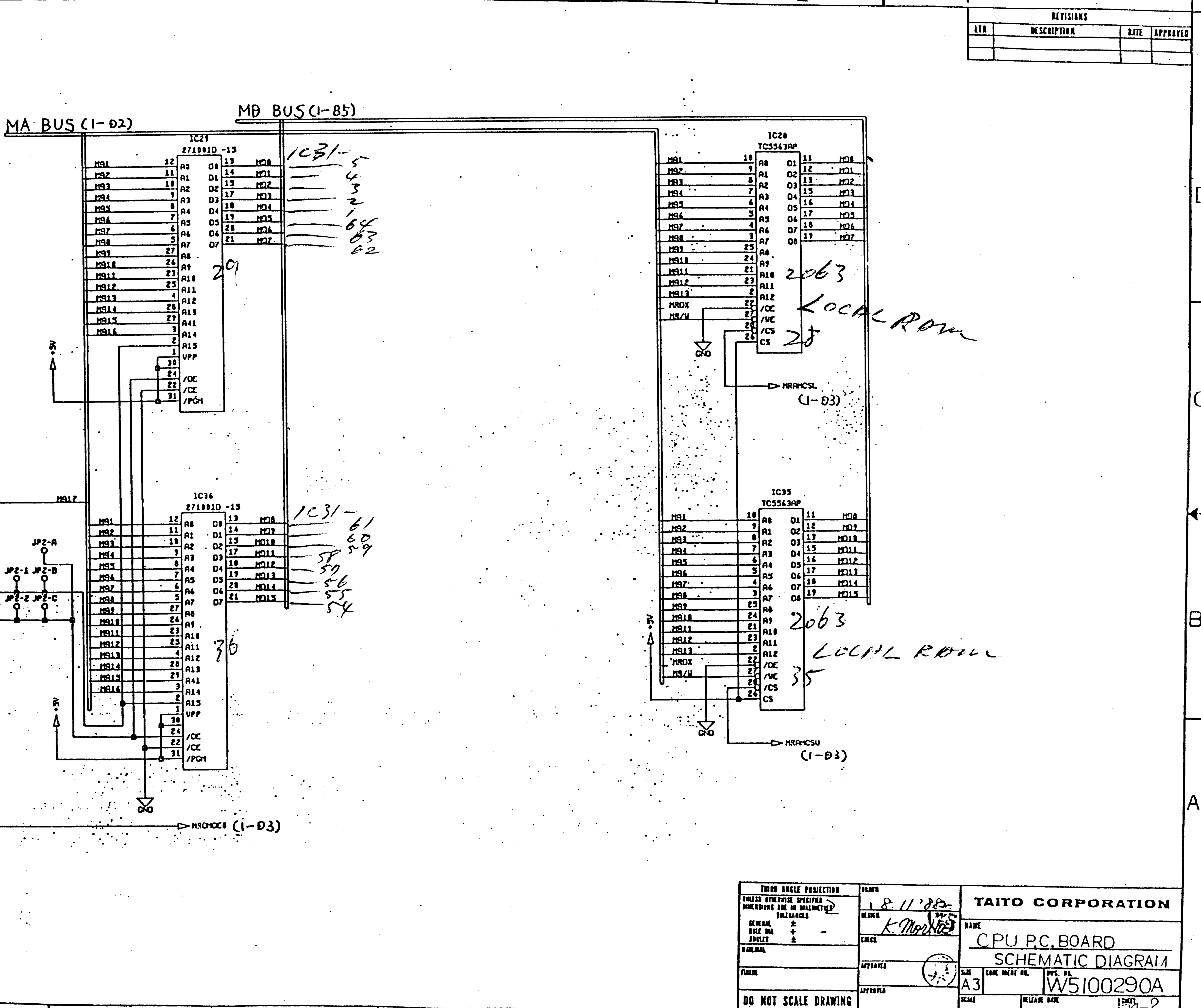
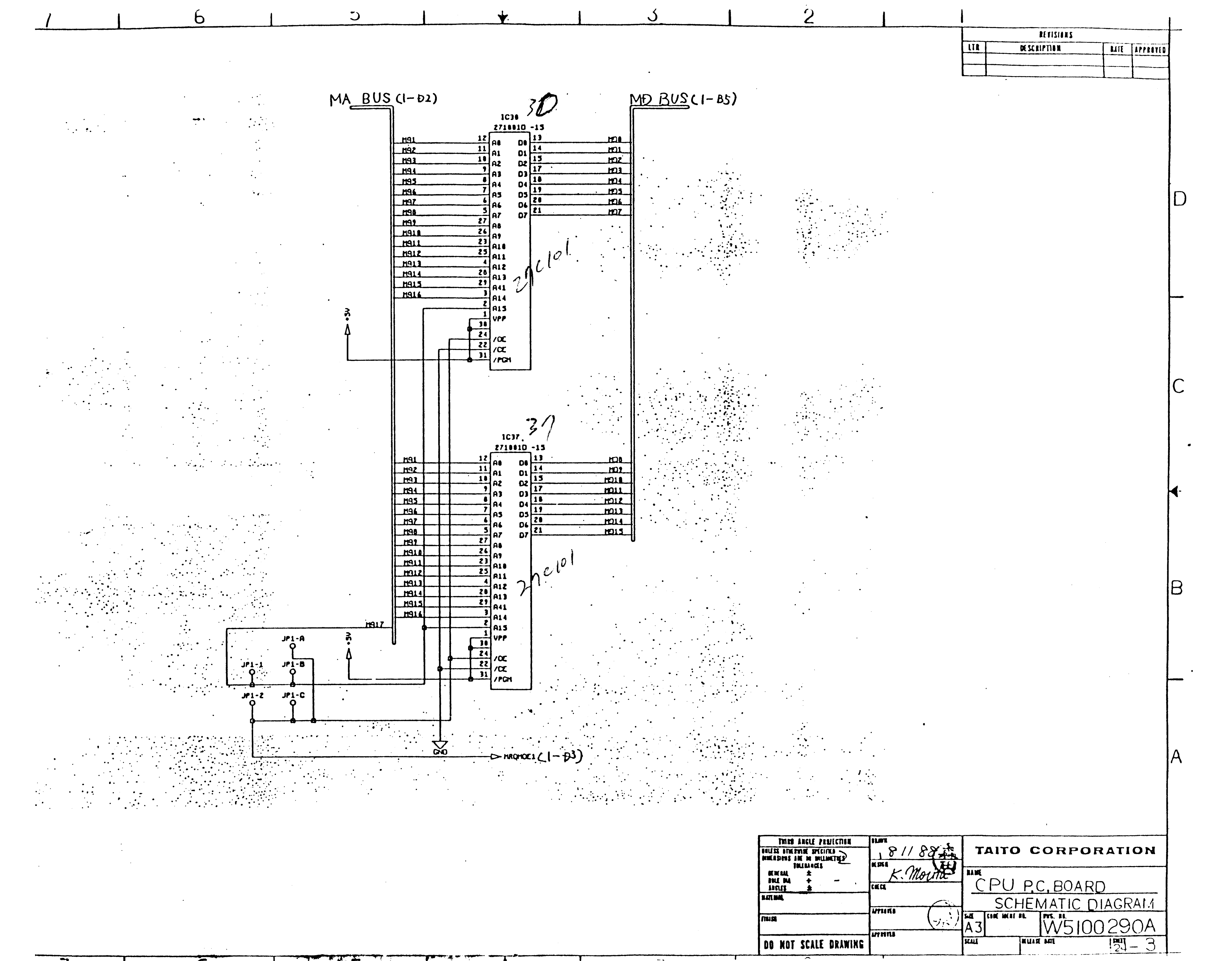
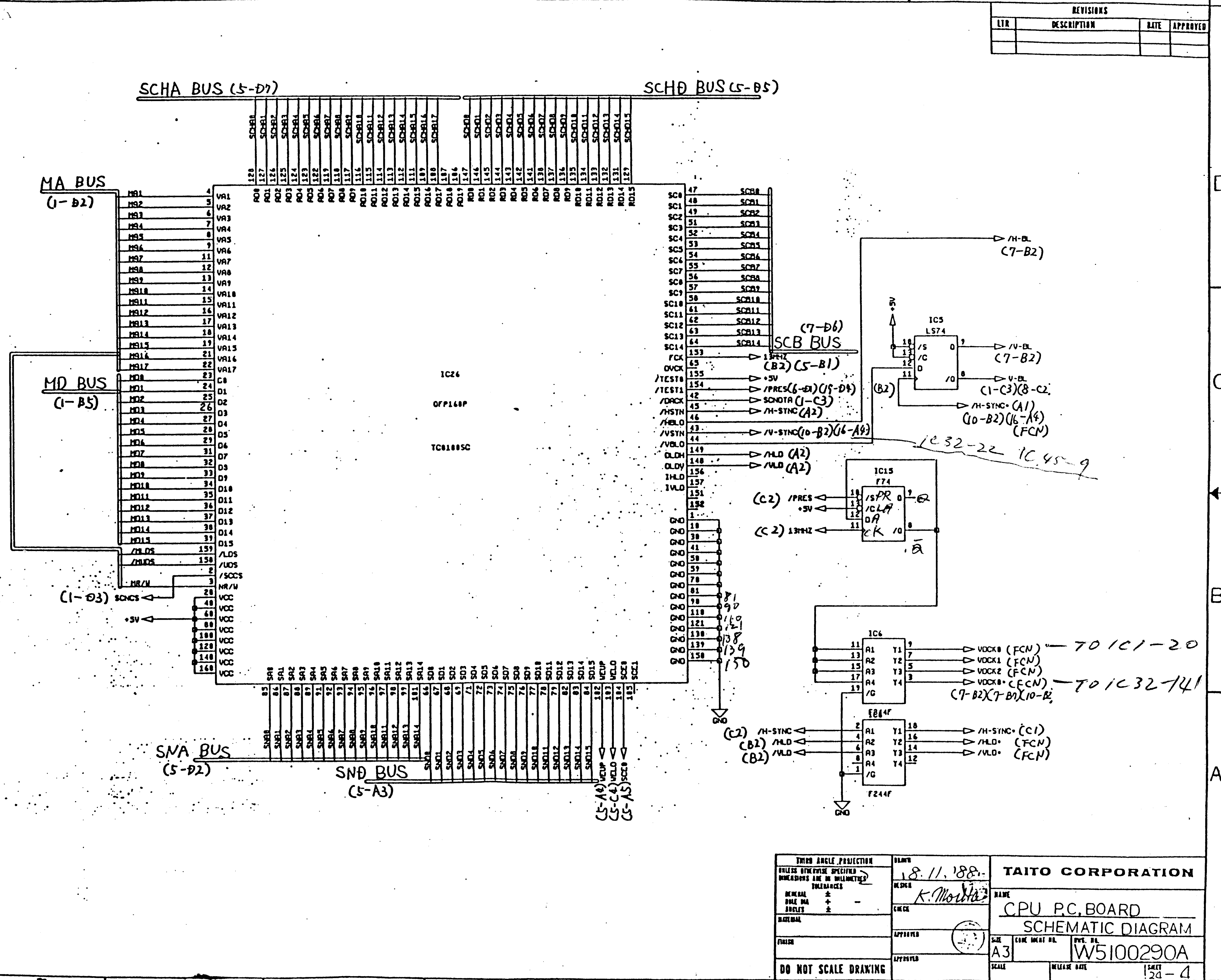


REVISIONS
LTR
DESCRIPTION
DATE
APPROVED
MA BUS
MD BUS
IC31
68000-12
IC20
20L8B
IC21
20L8B
IC58
LS10
IC47
LS74
IC61
LS04
IC42
LS07
12MH (8-D6)(12-D3)(13-D5)(19-C6)(B3)
MROMOE1 (3-A4)
MROMOE0 (2-A6)
OBJCS (17-B4)
MRAMCSU (2-A2)
MRAMCSL (2-C3)
SCNCS (4-B6)
MCOMCS (13-B6)
CL (7-B7)
MI/O1 (6-D6)
MI/O2 (5-B3)
MOTOR (16-B7)
SCNDTA (7-C2)
OBJDTA
MCOMDTA (13-B6)
/RESET (5-A1) (6-D6)
(2-D5)(3-D5)(4-C7)
(5-B7)(6-C6)(7-C7)
(13-C6)(14-B7)(16-B5)
(17-D5)(19-D6)
+5V
GND
V-BL
R1 1/6W 3.3K
R2 1/6W 330
THIRD ANGLE PROJECTION
DO NOT SCALE DRAWING
TAITO CORPORATION
CPU P.C.BOARD
SCHEMATIC DIAGRAM
A3
CHASE HQ
W5100290A
18.11.'88
K. Morita

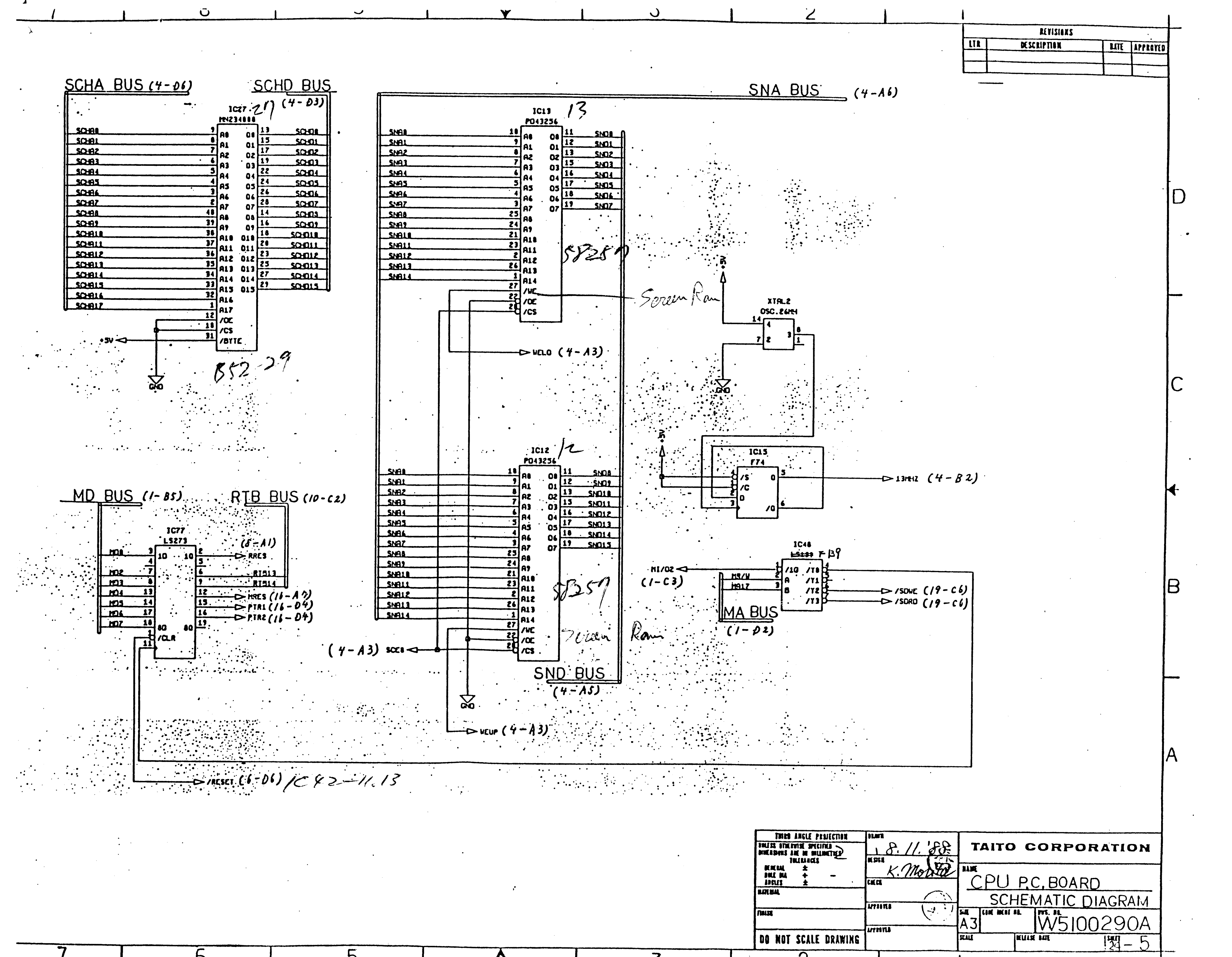

REVISIONS
LTR
DESCRIPTION
DATE
APPROVED
MA BUS (1-D2)
MD BUS (1-B5)
IC29
IC36
IC28
TC5563AP
IC35
TC5563AP
LOCAL ROM
2063
GND
+5V
JP2-A
JP2-B
JP2-C
JP2-1
JP2-2
MRAMCSL (1-D3)
MRAMCSU (1-D3)
MROMOCE (1-D3)
THIRD ANGLE PROJECTION
TAITO CORPORATION
CPU P.C. BOARD
SCHEMATIC DIAGRAM
A3
W5100290A
DO NOT SCALE DRAWING



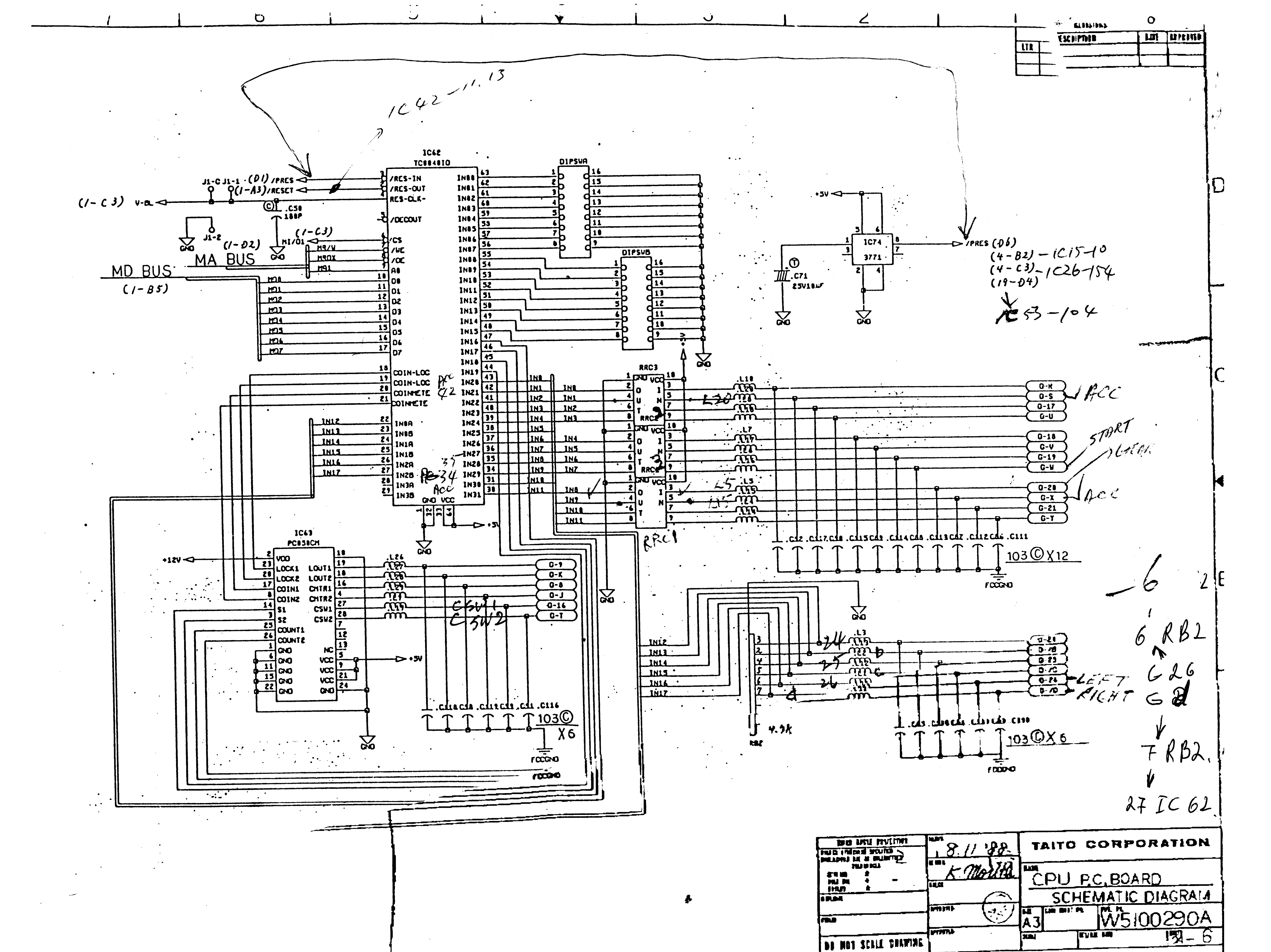
MA BUS (1-D2)
MD BUS (1-B5)
IC38
27101OD -15
IC37
27101OD -15
2nc101
JP1-A
JP1-B
JP1-C
JP1-1
JP1-2
GND
MRQMOE1 (1-D3)
REVISIONS
LTR
DESCRIPTION
DATE
APPROVED
D
C
B
A
THIRD ANGLE PROJECTION
DO NOT SCALE DRAWING
TAITO CORPORATION
CPU P.C. BOARD
SCHEMATIC DIAGRAM
A3
W5100290A
K. Mouri



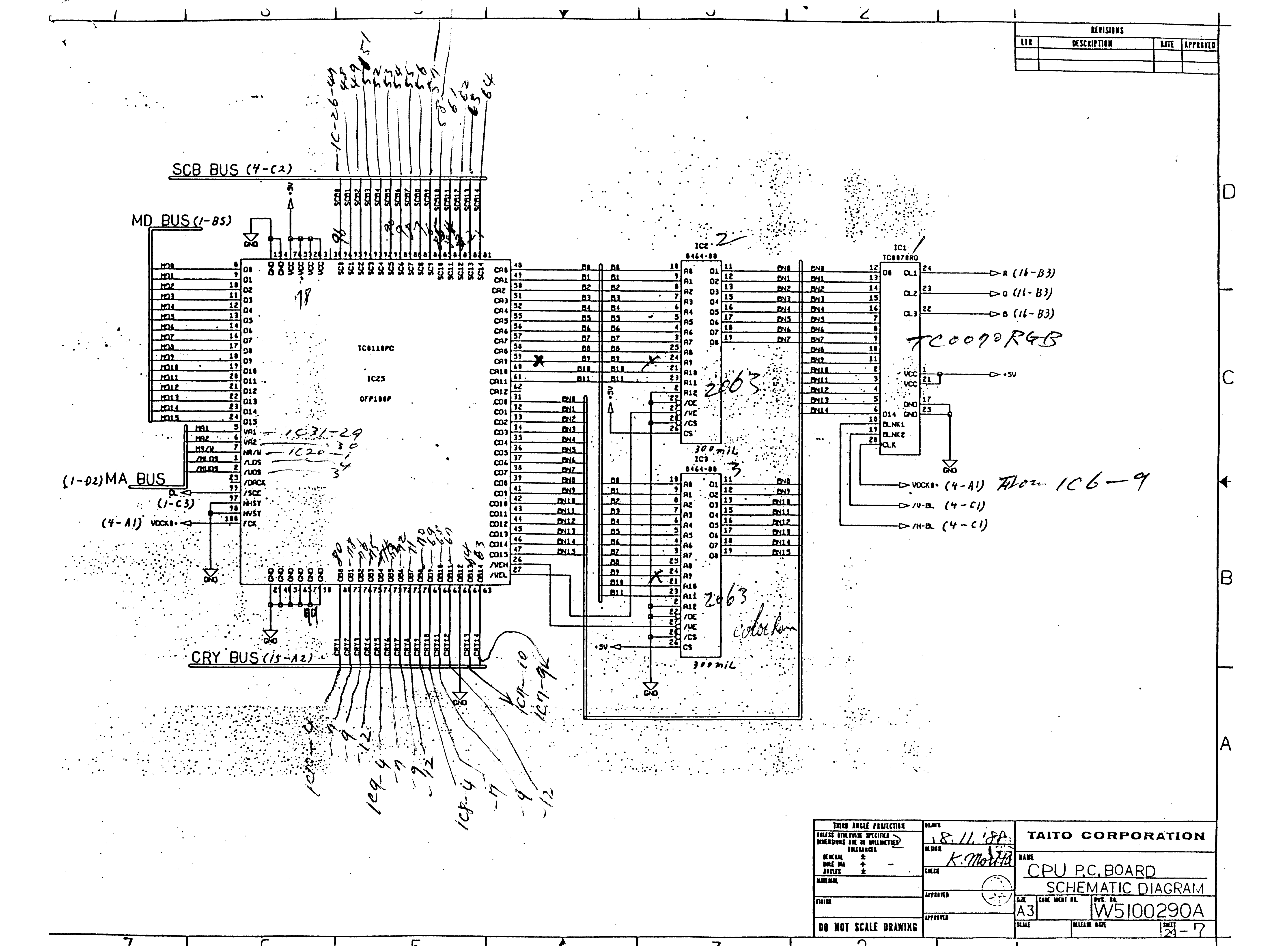
REVISIONS
LTR
DESCRIPTION
DATE
APPROVED
SCHA BUS (5-D7)
SCHD BUS (5-D5)
MA BUS
(1-B2)
MD BUS
(1-B5)
SCB BUS
(7-D6)
IC26
QFP160P
TC0180SC
IC5
LS74
IC15
F74
IC6
F244F
/H-BL
(7-B2)
/V-BL
(7-B2)
V-BL
(1-C3)(8-C2)
/H-SYNC (A1)
(10-B2)(16-A4)
(FCN)
13MHZ
(B2)(5-B1)
+5V
/PRES(6-D1)(15-D4)
SCNOTA (1-C3)
/H-SYNC (A2)
/V-SYNC (10-B2)(16-A4)
IC32-22 IC45-9
/HLD (A2)
/VLD (A2)
(C2) /PRES
(C2) 13MHZ
(1-D3) SCNCS
+5V
GND
VDCK0 (FCN) TO IC1-20
VDCK1 (FCN)
VDCK2 (FCN)
VDCK3 (FCN) TO IC32-141
(7-B2)(7-B7)(10-B2)
(C2) /H-SYNC
(B2) /HLD
(B2) /VLD
/H-SYNC (C1)
/HLD (FCN)
/VLD (FCN)
SNA BUS
(5-D2)
SND BUS
(5-A3)
(5-A4) (5-C4) (5-A5)
THIRD ANGLE PROJECTION
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS
TOLERANCES
MATERIAL
FINISH
DO NOT SCALE DRAWING
DRAWN 18.11.'88
DESIGN K. Morita
CHECK
APPROVED
TAITO CORPORATION
NAME
CPU P.C.BOARD
SCHEMATIC DIAGRAM
SIZE A3
DWG. NO. W5100290A
SCALE
SHEET 4 / 24



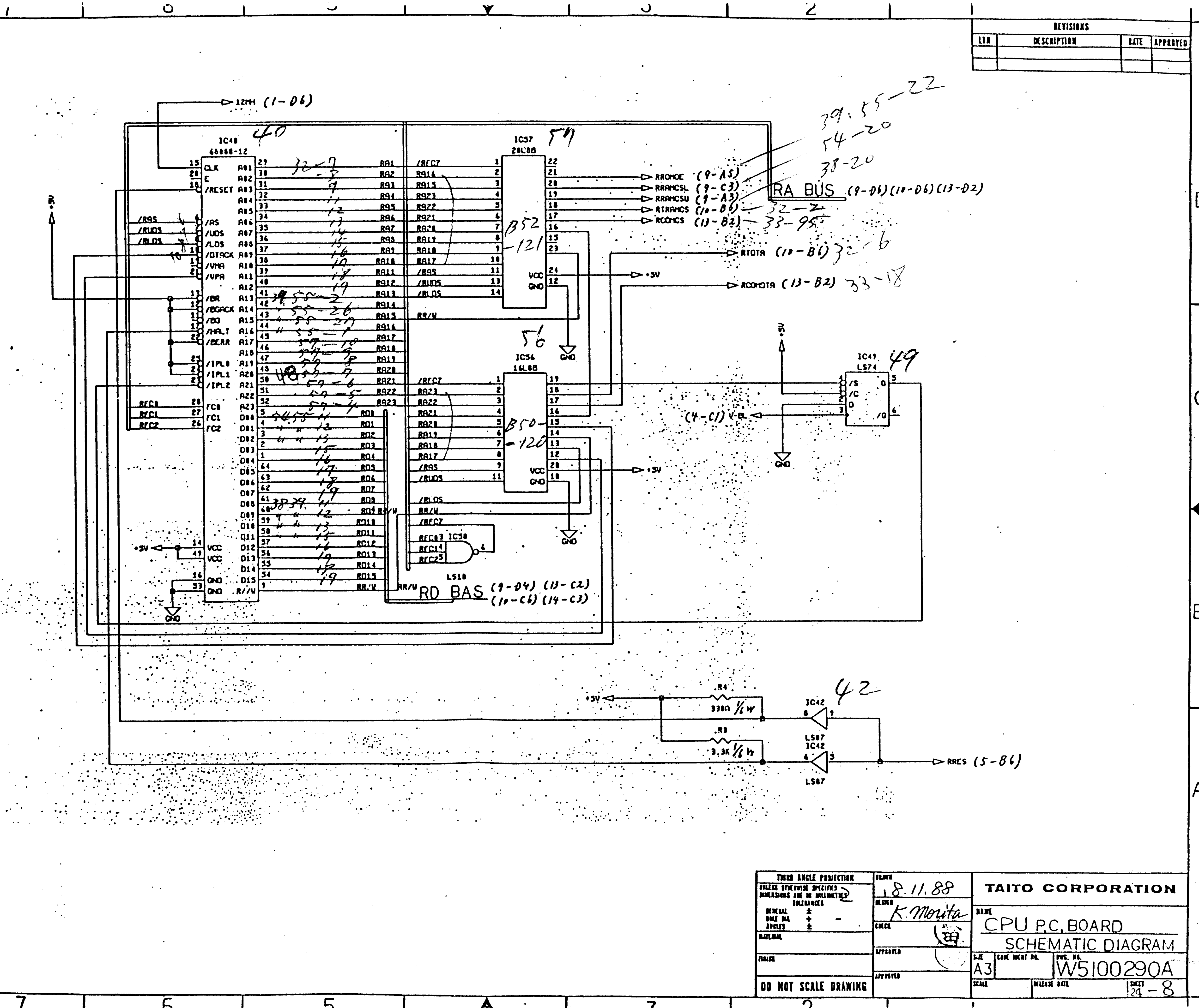
SCHA BUS (4-D6)
SCHD BUS (4-D3)
SNA BUS (4-A6)
IC27 MN234000
IC13 PD43256
IC12 PD43256
XTAL2 OSC.26M
IC15 F74
IC77 LS273
IC48
MD BUS (1-B5)
RTB BUS (10-C2)
MA BUS (1-D2)
SND BUS (4-A5)
WELO (4-A3)
WEUP (4-A3)
(4-A3) SCE0
13MHZ (4-B2)
/SDWE (19-C6)
/SDRD (19-C6)
M1/O2 (1-C3)
HRES (16-A7)
PTR1 (16-D4)
PTR2 (16-D4)
RRES (8-A1)
/RESET (6-D6)
Screen Ram
GND
+5V
REVISIONS
LTR
DESCRIPTION
DATE
APPROVED
THIRD ANGLE PROJECTION
DO NOT SCALE DRAWING
18.11.'88
K. Morita
TAITO CORPORATION
CPU P.C.BOARD
SCHEMATIC DIAGRAM
A3
W5100290A
5

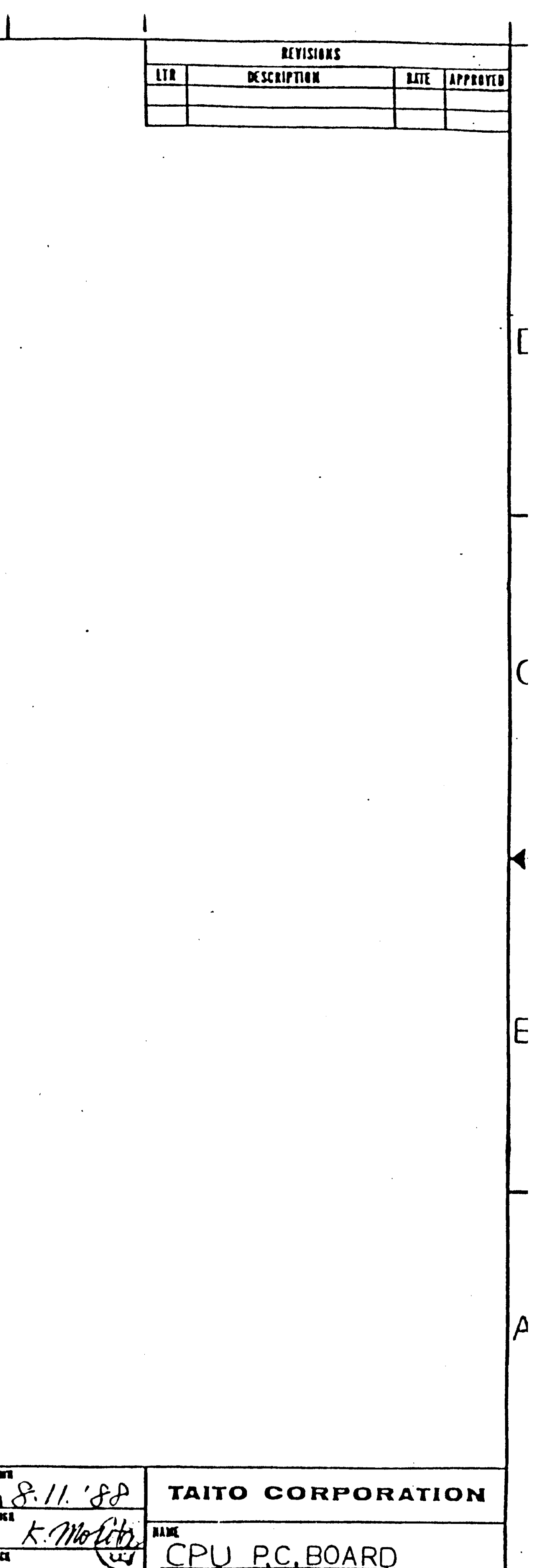


IC62
TC8840IO
DIPSWA
DIPSWB
IC63
PC858CM
IC74
3771
RRC3
RRC2
RRC1
MD BUS
MA BUS
/PRES
/RESCT
V-BL
+5V
+12V
GND
FCCGND
103©X12
103©X6
TAITO CORPORATION
CPU P.C.BOARD
SCHEMATIC DIAGRAM
W5100290A
DO NOT SCALE DRAWING
A3



REVISIONS
LTR
DESCRIPTION
DATE
APPROVED
SCB BUS (4-C2)
MD BUS (1-B5)
(1-D2) MA BUS
CRY BUS (15-A2)
TC0110PC
IC25
QFP100P
IC2
8464-80
IC3
8464-80
IC1
TC0070RGB
TC0070RGB
300mil
300mil
2063
2063
color ram
R (16-B3)
G (16-B3)
B (16-B3)
+5V
GND
VDCK0 (4-A1)
/V-BL (4-C1)
/H-BL (4-C1)
(4-A1) VDCK0
(1-C3)
From IC6-9
THIRD ANGLE PROJECTION
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS
TOLERANCES
GENERAL
HOLE DIA
ANGLES
MATERIAL
FINISH
DO NOT SCALE DRAWING
DRAWN
18.11.'88
DESIGN
K. Morita
CHECK
APPROVED
APPROVED
TAITO CORPORATION
NAME
CPU P.C.BOARD
SCHEMATIC DIAGRAM
SIZE
A3
CODE IDENT NO.
DWG. NO.
W5100290A
SCALE
RELEASE DATE
SHEET
24-7
D
C
B
A


REVISIONS
LTR
DESCRIPTION
DATE
APPROVED
12MH (1-D6)
IC40
68000-12
CLK
E
/RESET
/AS
/UDS
/LDS
/DTACK
/VMA
/VPA
/BR
/BGACK
/BG
/HALT
/BERR
/IPL0
/IPL1
/IPL2
FC0
FC1
FC2
VCC
GND
R//W
RA BUS (9-D6) (10-D6) (13-D2)
RD BAS (9-D4) (13-C2) (10-C6) (14-C3)
IC57
20L08
IC56
16L08
RROMOE (9-A5)
RRAMCSL (9-C3)
RRAMCSU (9-A3)
RTRAMCS (10-B6)
RCOMCS (13-B2)
RTOTA (10-B6)
RCOMDTA (13-B2)
+5V
GND
IC50
LS10
IC49
LS74
(4-C1) V-BL
IC42
LS07
R4
330Ω 1/6W
R3
3.3K 1/6W
RRES (5-B6)
THIRD ANGLE PROJECTION
DO NOT SCALE DRAWING
18.11.88
K. Morita
TAITO CORPORATION
CPU P.C. BOARD
SCHEMATIC DIAGRAM
A3
W5100290A
24 - 8



THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS

TOLERANCES

GENERAL ±

HOLE DIA ±

ANGLES ±

MATERIAL

FINISH

DO NOT SCALE DRAWING

DRAWN 8.11.'88

DESIGN K. Mo[illegible]

CHECK

APPROVED

APPROVED

TAITO CORPORATION

NAME CPU P.C. BOARD SCHEMATIC DIAGRAM

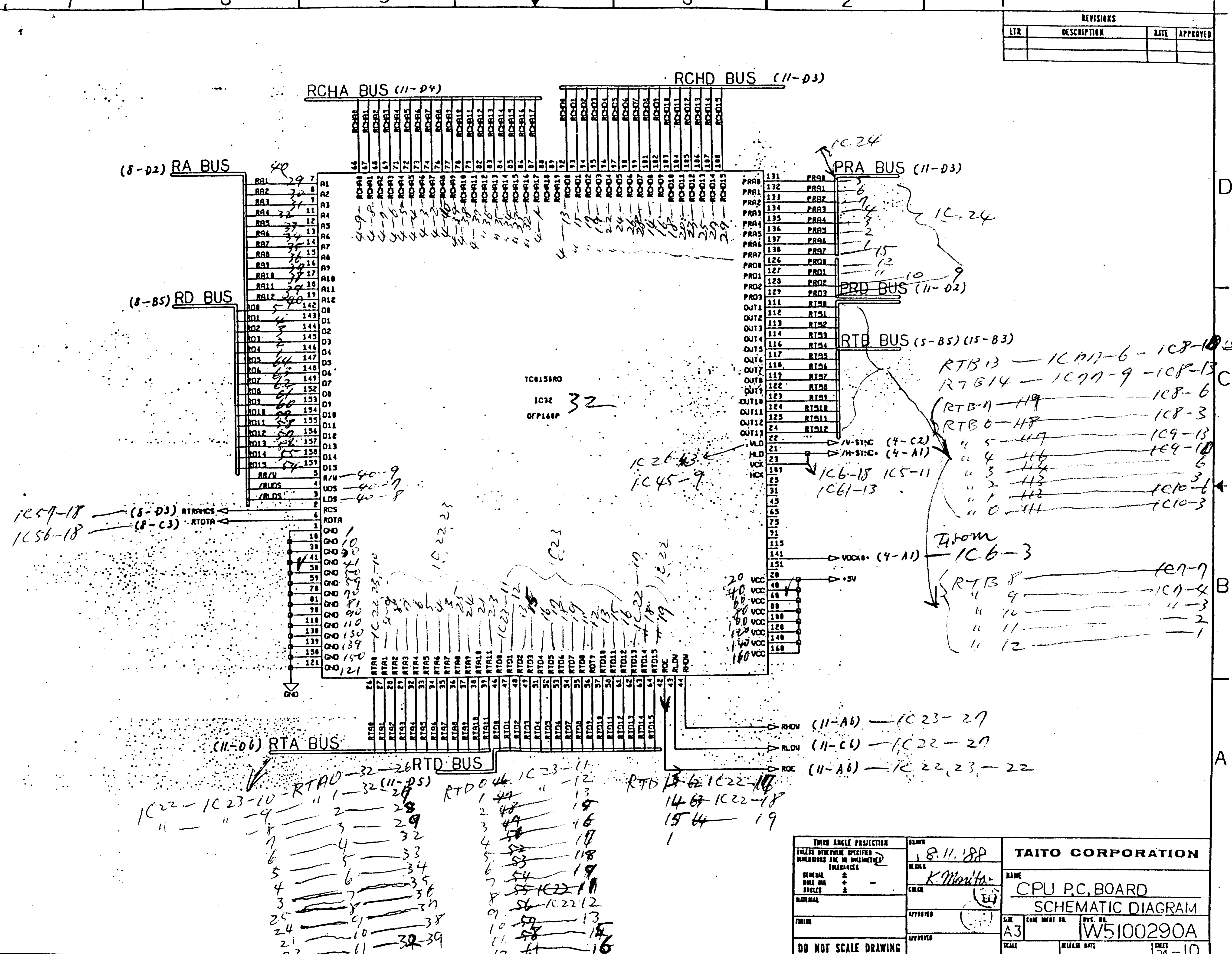
SIZE A3

DWG. NO. W5100290A

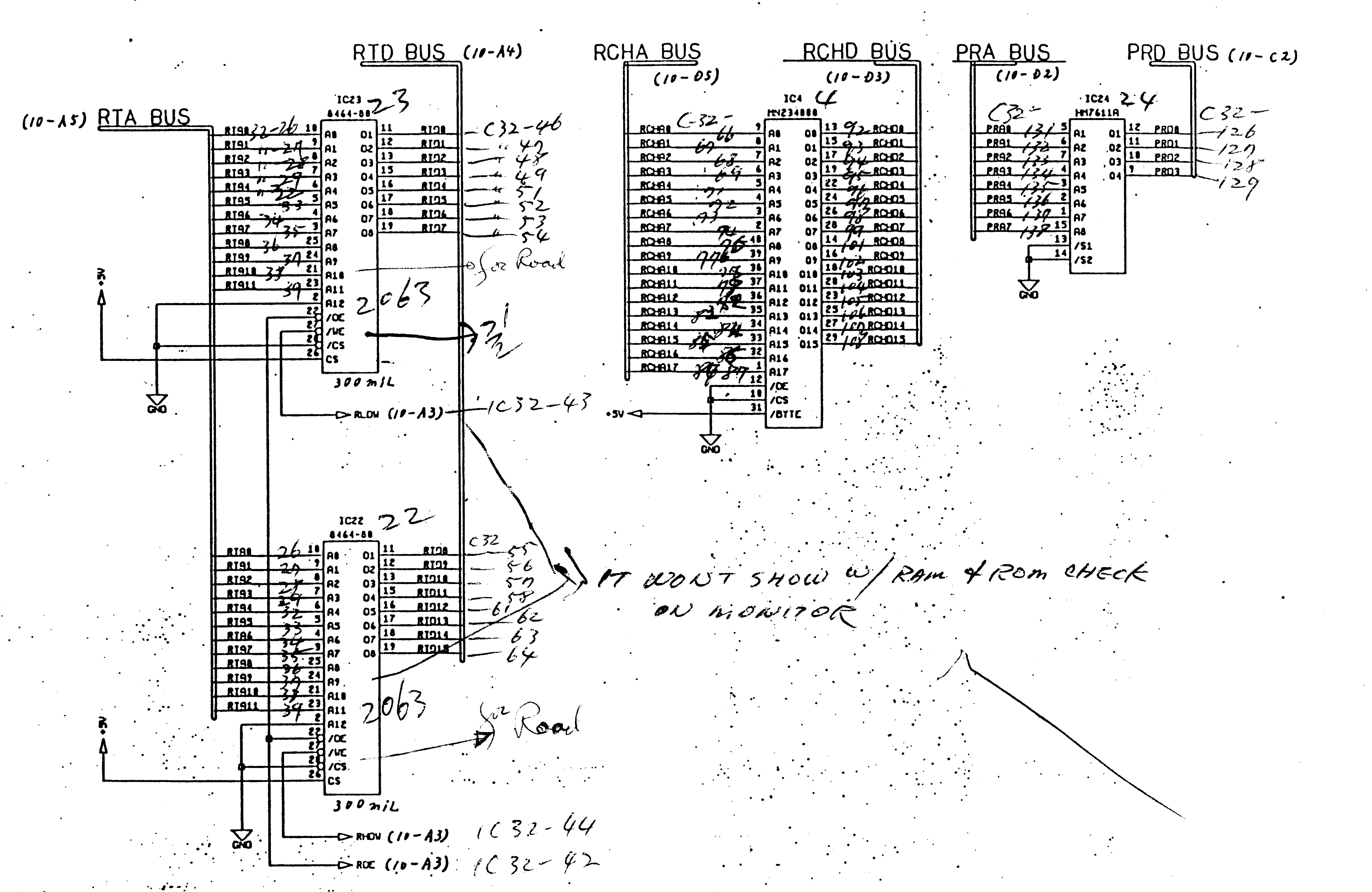
SCALE

RELEASE DATE

SHEET 24 – 9



REVISIONS
LTR
DESCRIPTION
DATE
APPROVED
RCHA BUS (11-D4)
RCHD BUS (11-D3)
(8-D2) RA BUS
(8-B5) RD BUS
PRA BUS (11-D3)
PRD BUS (11-D2)
RTB BUS (5-B5) (15-B3)
TC0150RO
IC32
QFP160P
A1 A2 A3 A4 A5 A6 A7 A8 A9 A10 A11 A12
D0 D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D12 D13 D14 D15
R/W
UDS
LDS
RCS
RDTA
GND
VCC
RTRAMCS
RTDTA
(8-D3)
(8-C3)
/V-SYNC (4-C2)
/H-SYNC (4-A1)
VLD
HLD
VCK
HCK
VOCK8 (4-A1)
+5V
RHOV
RLOV
ROC
(11-A6)
(11-C6)
(11-A6)
(11-D6) RTA BUS
RTD BUS
GND
RTB13 — IC17-6 - IC8-18
RTB14 — IC17-9 - IC8-13
from IC6-3
IC22, 23 — 22
IC23 — 27
IC22 — 27
THIRD ANGLE PROJECTION
DO NOT SCALE DRAWING
DRAWN 8.11.'88
DESIGN K. Morita
CHECK
APPROVED
TAITO CORPORATION
NAME
CPU P.C. BOARD
SCHEMATIC DIAGRAM
SIZE A3
DWG. NO. W5100290A
SHEET 10
D
C
B
A



REVISIONS

LTR	DESCRIPTION	DATE	APPROVED

THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING

DRAWN 8.11.88

DESIGN K. Morita

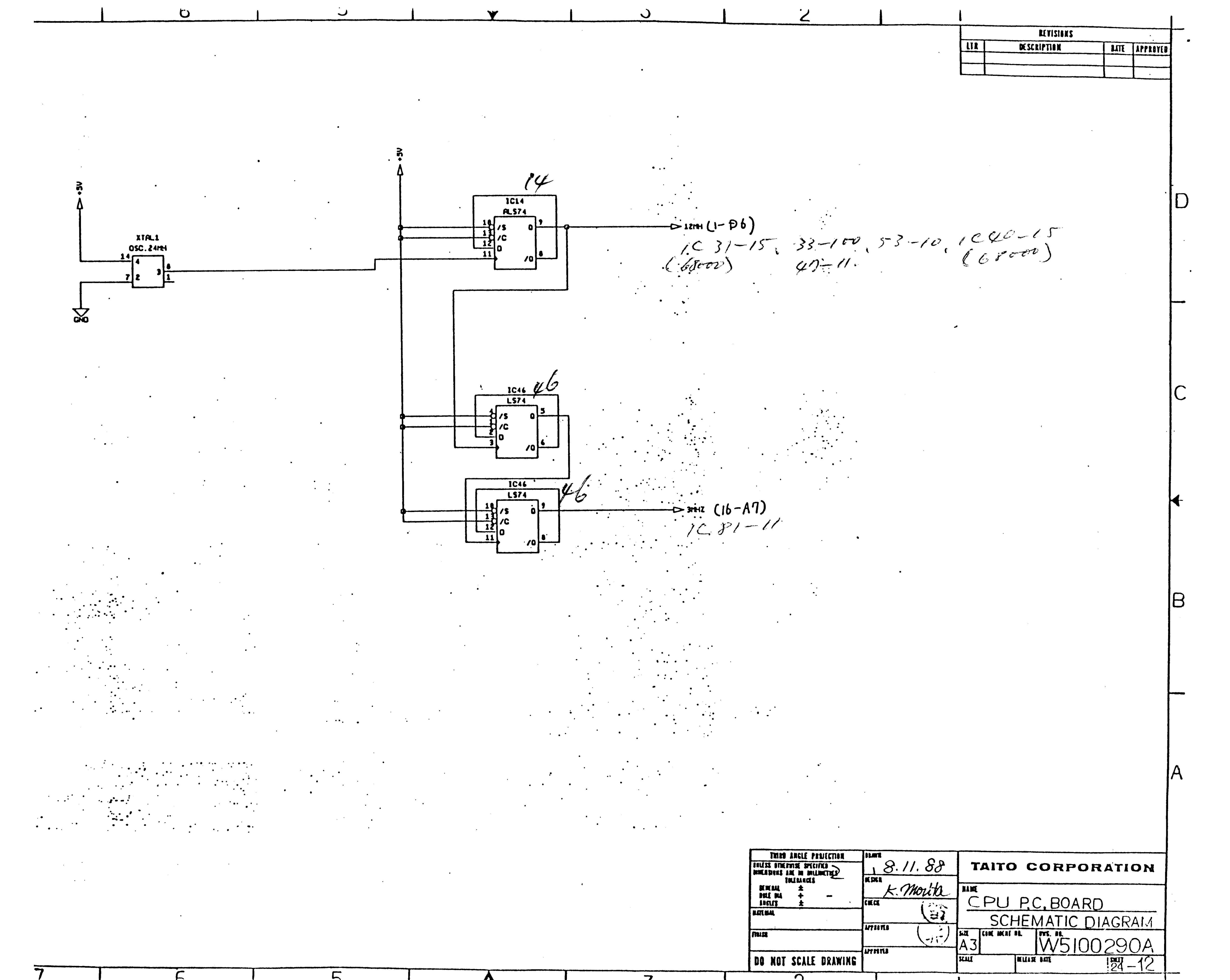
TAITO CORPORATION

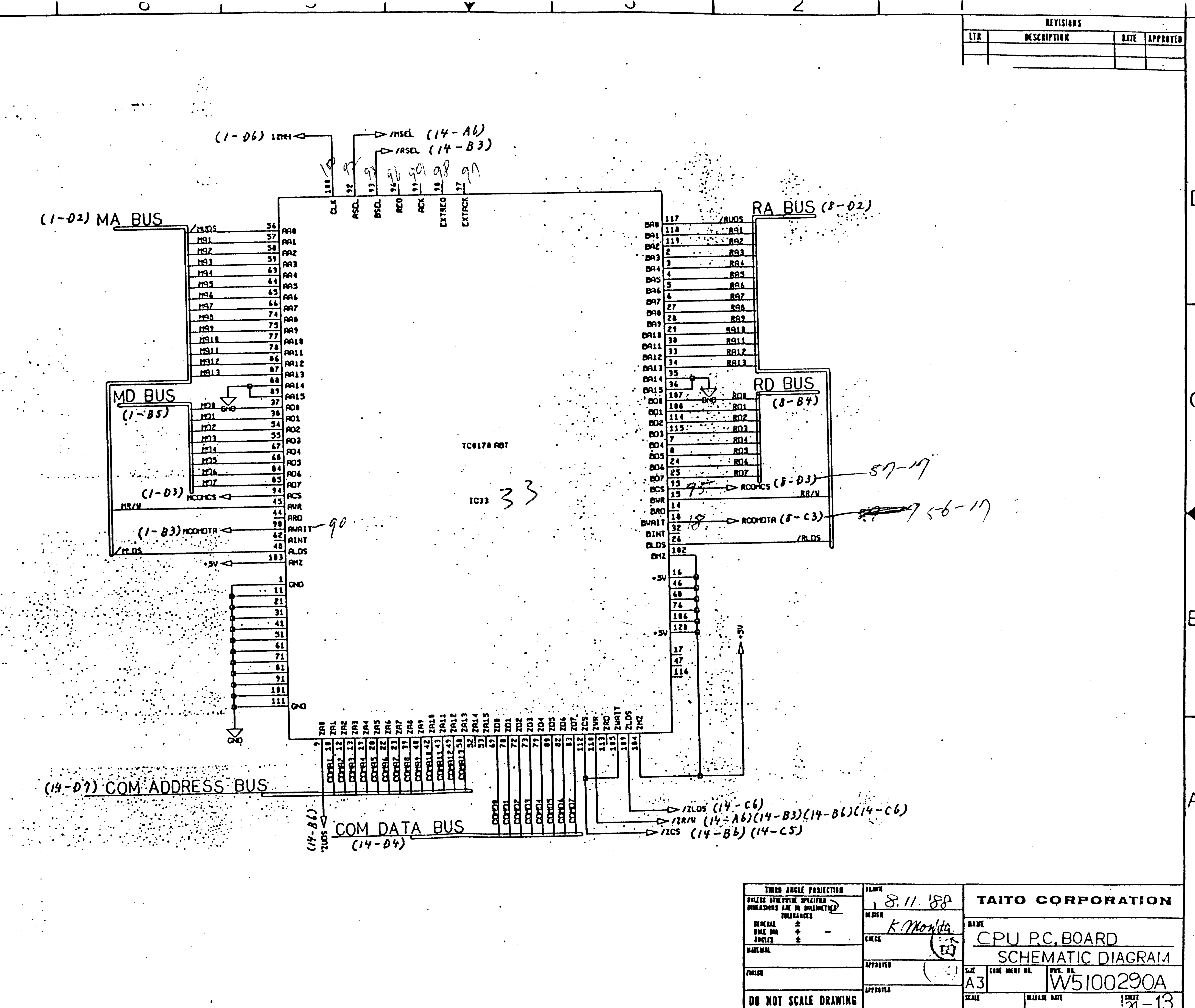
NAME CPU P.C. BOARD SCHEMATIC DIAGRAM

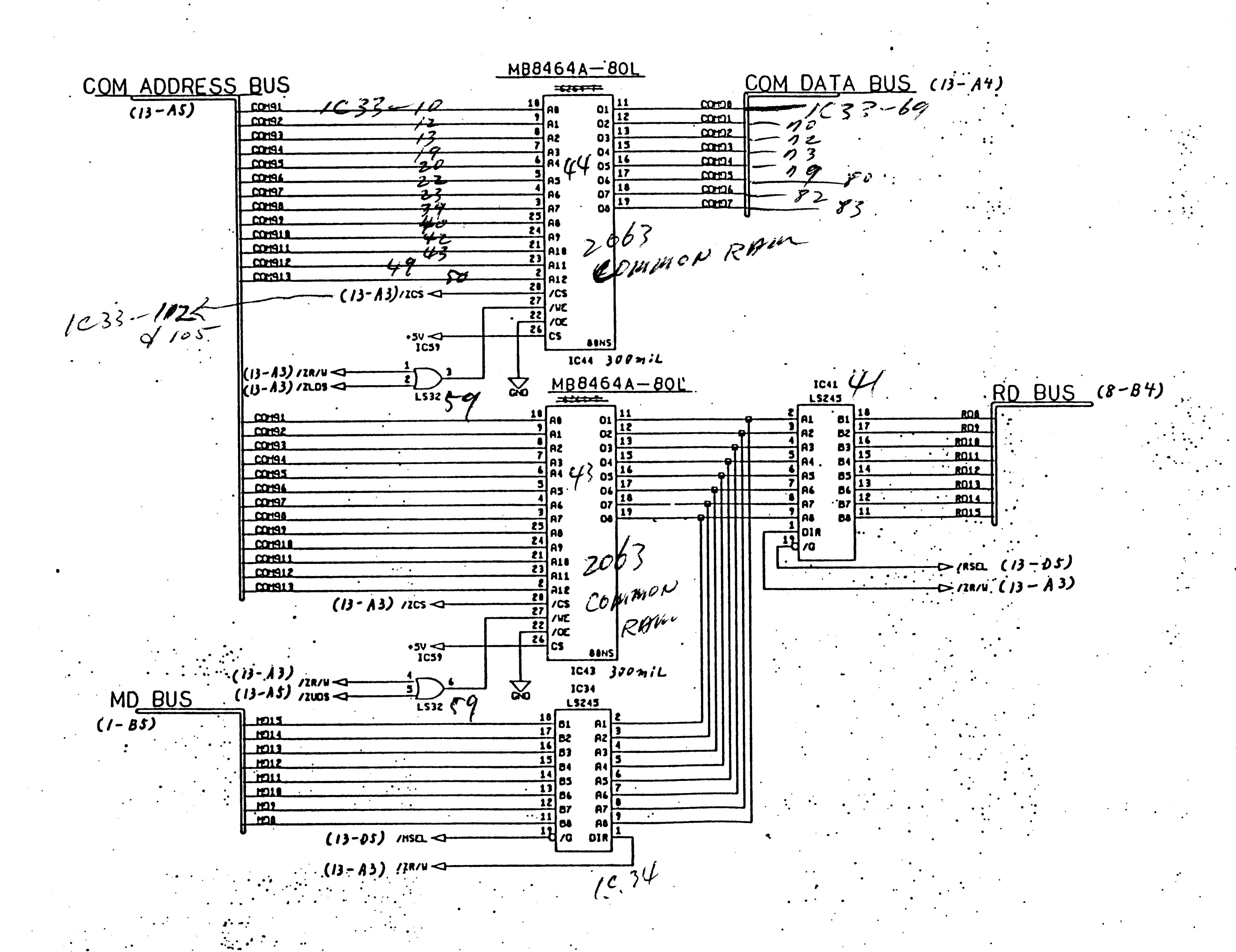
SIZE A3

DWG. NO. W5100290A

SHEET 24 - 11


REVISIONS
LTR
DESCRIPTION
DATE
APPROVED
+5V
XTAL1
OSC.24MH
GND
IC14
ALS74
14
12MH (1-D6)
IC 31-15, 33-100, 53-10, IC40-15
(68000)
47-11.
(68000)
IC46
LS74
46
IC46
LS74
46
(16-A7)
IC 81-11
D
C
B
A
THIRD ANGLE PROJECTION
DO NOT SCALE DRAWING
8.11.88
K. Morita
TAITO CORPORATION
CPU P.C. BOARD
SCHEMATIC DIAGRAM
A3
W5100290A
24-12


REVISIONS
LTR
DESCRIPTION
DATE
APPROVED
(1-D6) 12MH
/MSEL (14-A6)
/RSEL (14-B3)
(1-D2) MA BUS
MD BUS
(1-B5)
(1-D3) MCOMCS
(1-B3) MCOMDTA
RA BUS (8-D2)
RD BUS
(8-B4)
RCOMCS (8-D3)
RCOMDTA (8-C3)
TC0170ABT
IC33
(14-D7) COM ADDRESS BUS
COM DATA BUS
(14-D4)
/ZLDS (14-C6)
/ZR/W (14-A6)(14-B3)(14-B6)(14-C6)
/ZCS (14-B6) (14-C5)
THIRD ANGLE PROJECTION
DO NOT SCALE DRAWING
8.11.'88
TAITO CORPORATION
CPU P.C.BOARD
SCHEMATIC DIAGRAM
A3
W5100290A
13



REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED

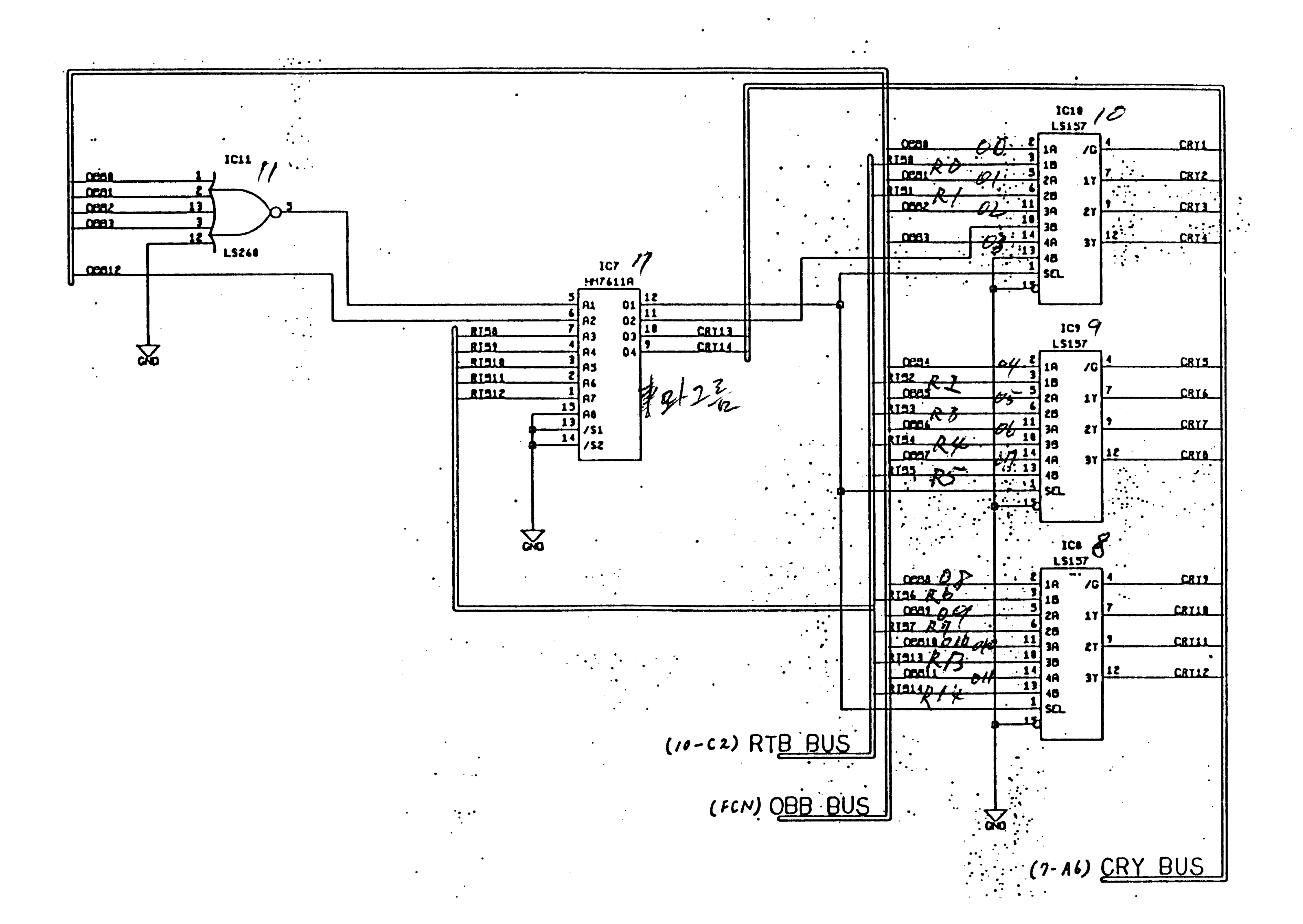
THIRD ANGLE PROJECTION
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS
TOLERANCES
GENERAL ±
HOLE DIA ±
ANGLES ±
MATERIAL
FINISH
DO NOT SCALE DRAWING

DRAWN 8.11.'88
DESIGN K. Morita
CHECK
APPROVED
APPROVED

TAITO CORPORATION

NAME CPU P.C. BOARD SCHEMATIC DIAGRAM

SIZE A3
DWG. NO. W5100290A
SHEET 24 - 14



REVISIONS

LTR	DESCRIPTION	DATE	APPROVED

THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING

DRAWN 8.11.88

DESIGN K. Morita

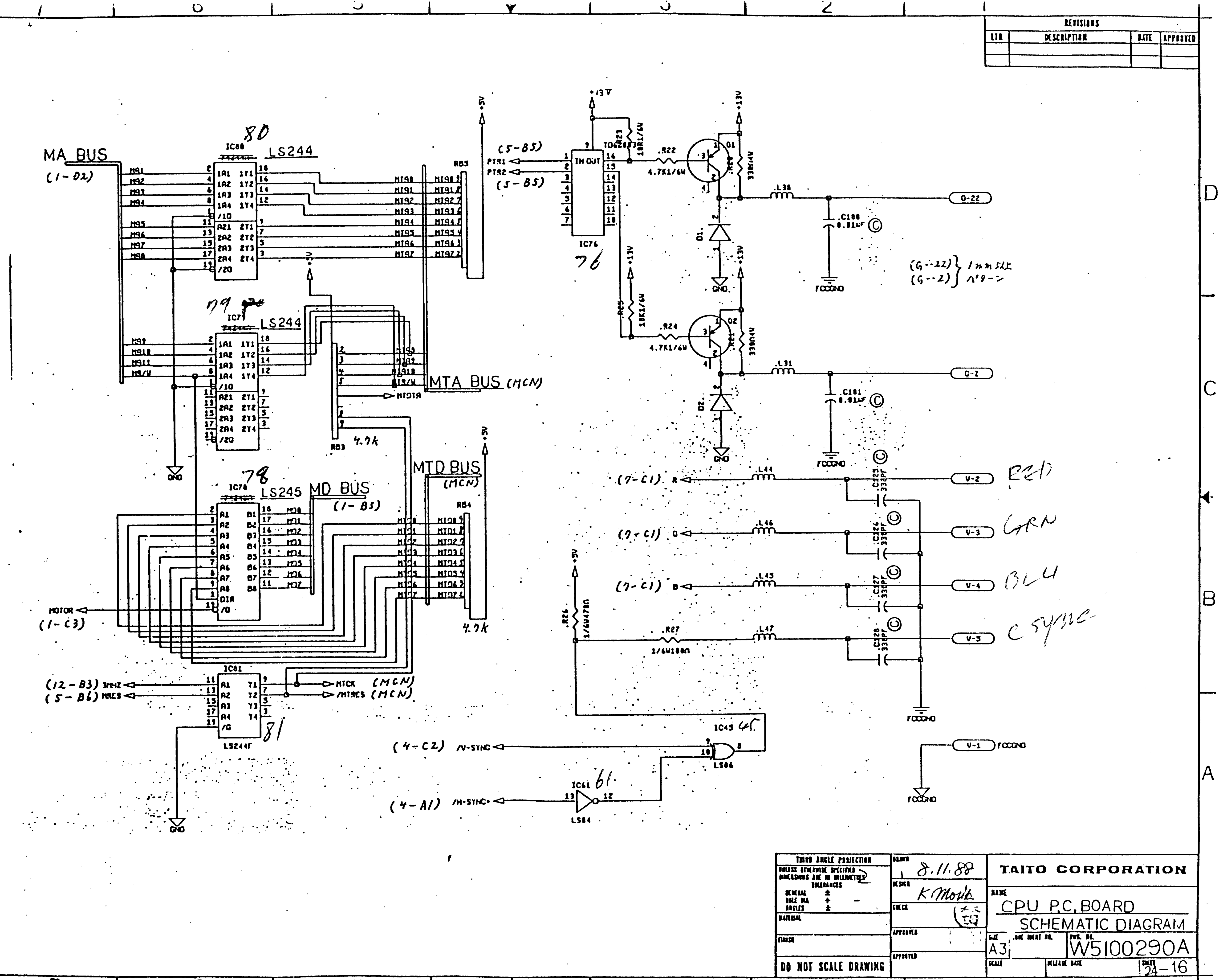
TAITO CORPORATION

NAME CPU P.C.BOARD SCHEMATIC DIAGRAM

SIZE A3

DWG. NO. W5100290A

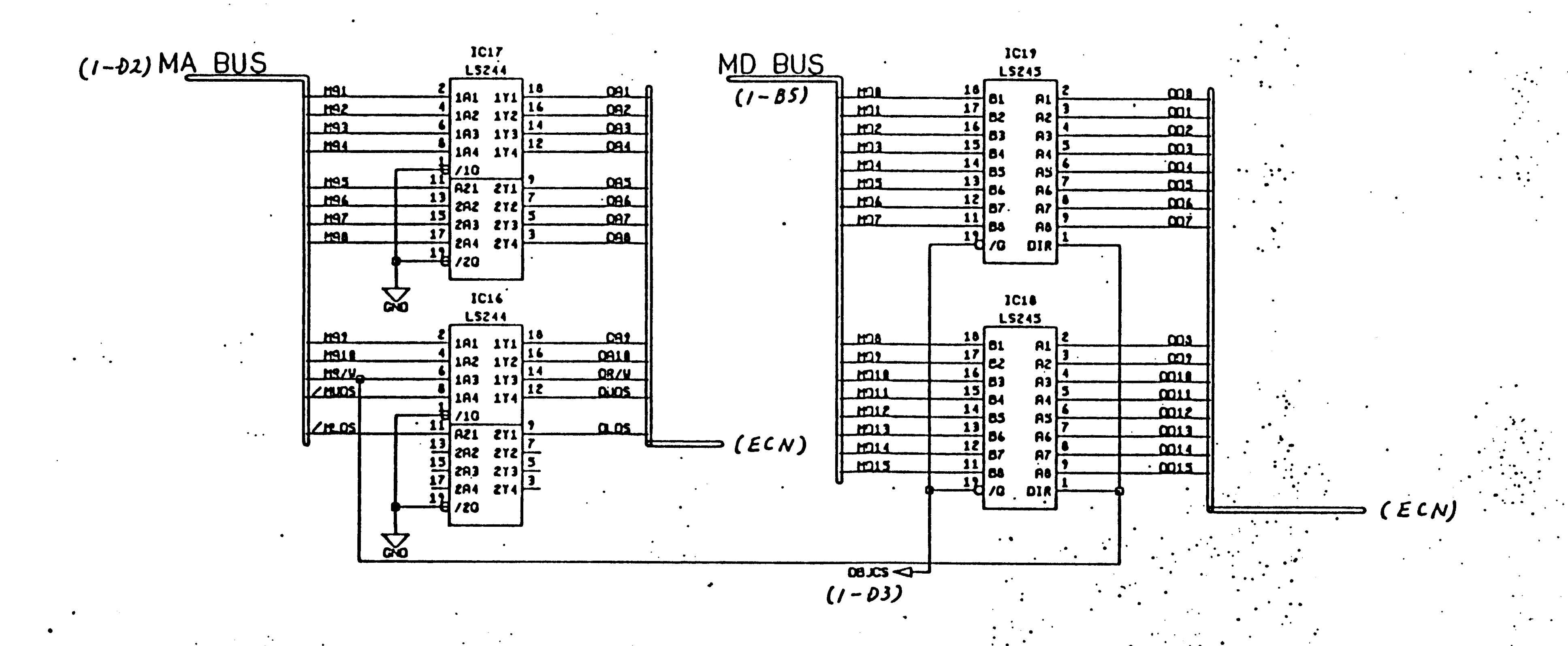
SHEET 15



MA BUS
(1-D2)
IC80
LS244
IC79
LS244
IC78
LS245
MD BUS
(1-B5)
MTA BUS (MCN)
MTD BUS
(MCN)
RB3
RB4
RB5
4.7k
MOTOR
(1-C3)
IC81
LS244F
(12-B3) 3MHZ
(5-B6) MRES
MTCK (MCN)
/MTRES (MCN)
IC76
(5-B5)
PTR1
PTR2
Q1
Q2
D1
D2
L30
L31
C100 0.01uF
C101 0.01uF
G-22
G-2
FCCGND
GND
V-2
V-3
V-4
V-5
V-1
RED
GRN
BLU
C SYNC
(7-C1)
IC45
LS86
IC61
LS04
(4-C2) /V-SYNC
(4-A1) /H-SYNC
REVISIONS
LTR
DESCRIPTION
DATE
APPROVED
THIRD ANGLE PROJECTION
DO NOT SCALE DRAWING
8.11.88
K Morita
TAITO CORPORATION
CPU P.C. BOARD
SCHEMATIC DIAGRAM
A3
W5100290A
24-16

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED

D

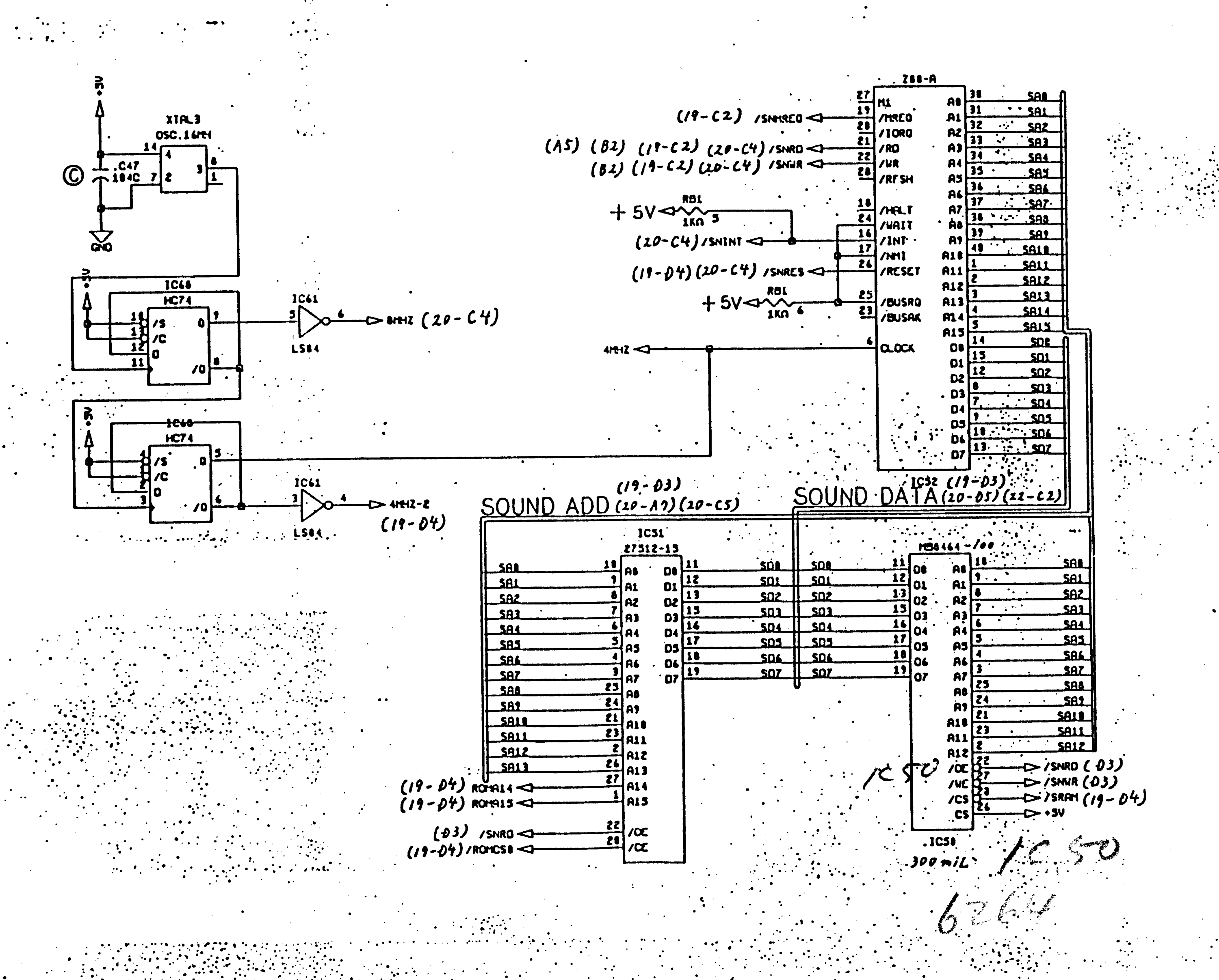


C

B

A

THIRD ANGLE PROJECTION	DRAWN 8.11.88	TAITO CORPORATION
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES GENERAL ± HOLE DIA ± ANGLES ±	DESIGN K. Morita	NAME CPU P.C. BOARD SCHEMATIC DIAGRAM
MATERIAL	CHECK	SIZE A3 / CODE IDENT NO. / DWG. NO. W5100290A
FINISH	APPROVED	
DO NOT SCALE DRAWING	APPROVED	SCALE / RELEASE DATE / SHEET 24-17



REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED

DO NOT SCALE DRAWING

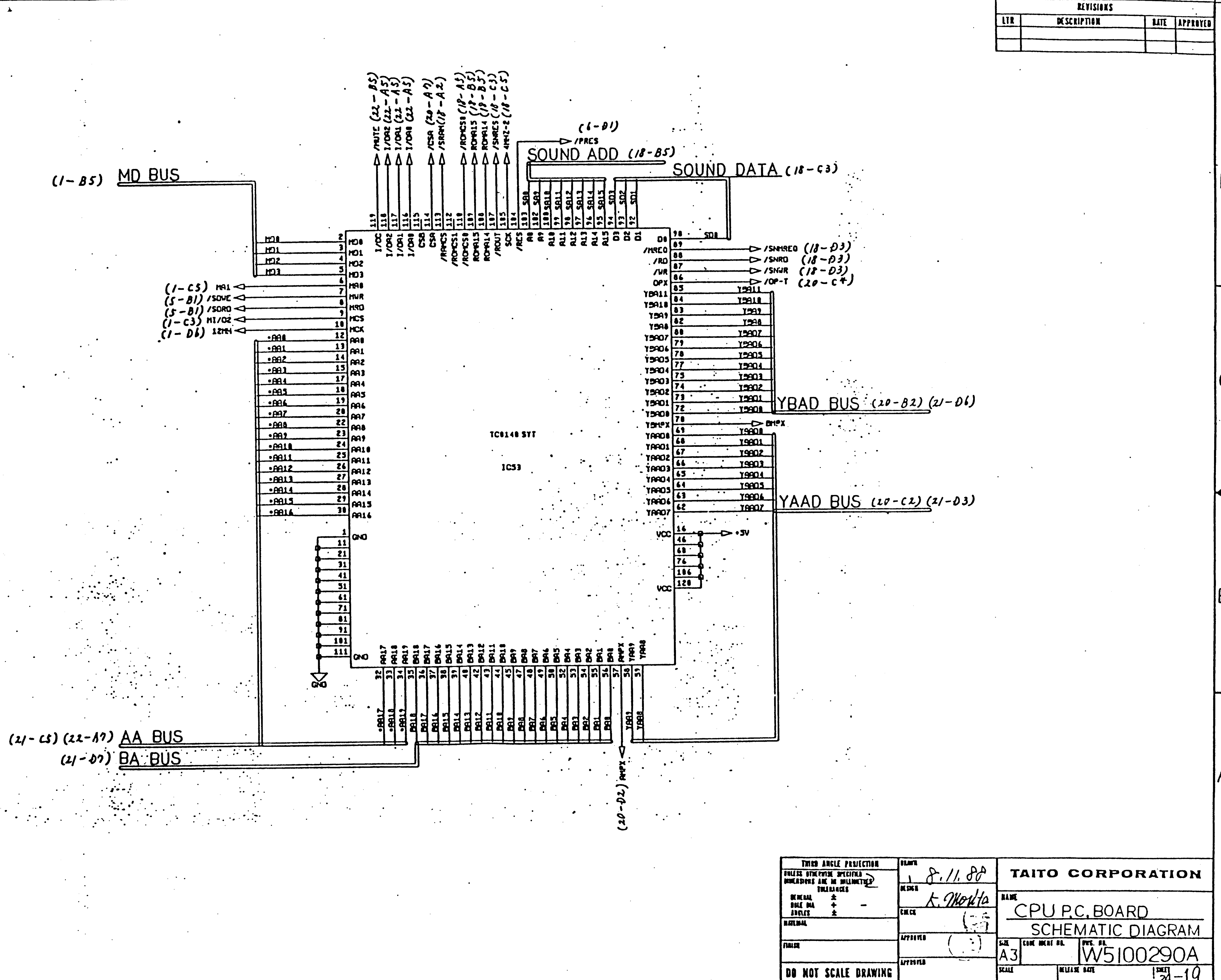
DRAWN 8.11.88
DESIGN K. Morita

TAITO CORPORATION

NAME: CPU P.C. BOARD SCHEMATIC DIAGRAM

SIZE A3
DWG. NO. W5100290A

SHEET 18


MD BUS
SOUND ADD (18-B5)
SOUND DATA (18-C3)
YBAD BUS (20-B2) (21-D6)
YAAD BUS (20-C2) (21-D3)
AA BUS
BA BUS
TC0140 SYT
IC53
GND
+5V
REVISIONS
LTR
DESCRIPTION
DATE
APPROVED
THIRD ANGLE PROJECTION
DO NOT SCALE DRAWING
TAITO CORPORATION
CPU P.C. BOARD
SCHEMATIC DIAGRAM
A3
W5100290A
24-19
8.11.88

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED

SOUND DATA (18-C3)

SOUND ADD (18-B5) (A7)

5V 5V

.C48 104C .C49 104C GND

IC64 TL074 IC64 TL074 IC64 TL074 IC64 TL074

.C45 E10uFC GND

.C52 68PF GND

.C44 222F .C51 222F GND

YM3016F IC66: RB, BC, MP, TOBUFF, COM, CH2, CH1, /ICL, VDD, GND, VDD, SD, CLOCK, FORM, SMP2, SMP1

YM2610 IC69: /TEST, CK, /IRQ, D0, D1, D2, D3, D4, D5, D6, D7, /CS, /WR, /RD, A0, A1, /IC, OPO, OUTCK, SH2, SH1, ANALOGOU, AVCC, AGND, /ROE, RMPX, RA08–RA07, RA8, RA9, RA20–RA23, /BOE, BMPX, BA00–BA07, BA8–BA11

(18-C5) 8MHZ

(18-C4) /SNINT

(19-C2) /OP-T

(18-D3) /SNWR

(18-D3) /SNRD

(19-D4) /SNRES

SD0–SD7, SA0, SA1

/ROE (21-A4)(21-C4)(21-C6)

RMPX (19-A3)

YAAD BUS (19-B2)

·RA20 (22-A7)

/BOE (21-C6)

BMPX (19-C2)

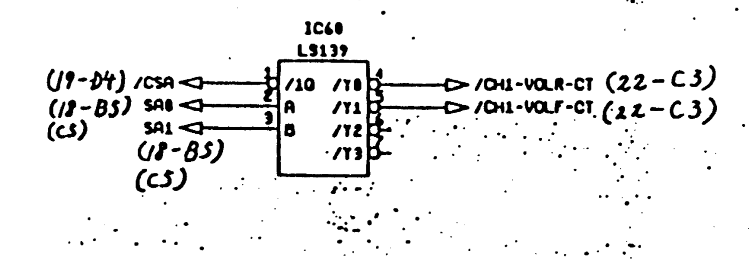
YBAD BUS (19-C2)

CH1 (22-D6)

CH2 (22-C6)

アナログ部

・離さないパターン 1mm以上.



THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS

TOLERANCES: GENERAL ± ; HOLE DIA + − ; ANGLES ±

MATERIAL

FINISH

DO NOT SCALE DRAWING

DRAWN 8 11 88

DESIGN K. Morita

CHECK

APPROVED

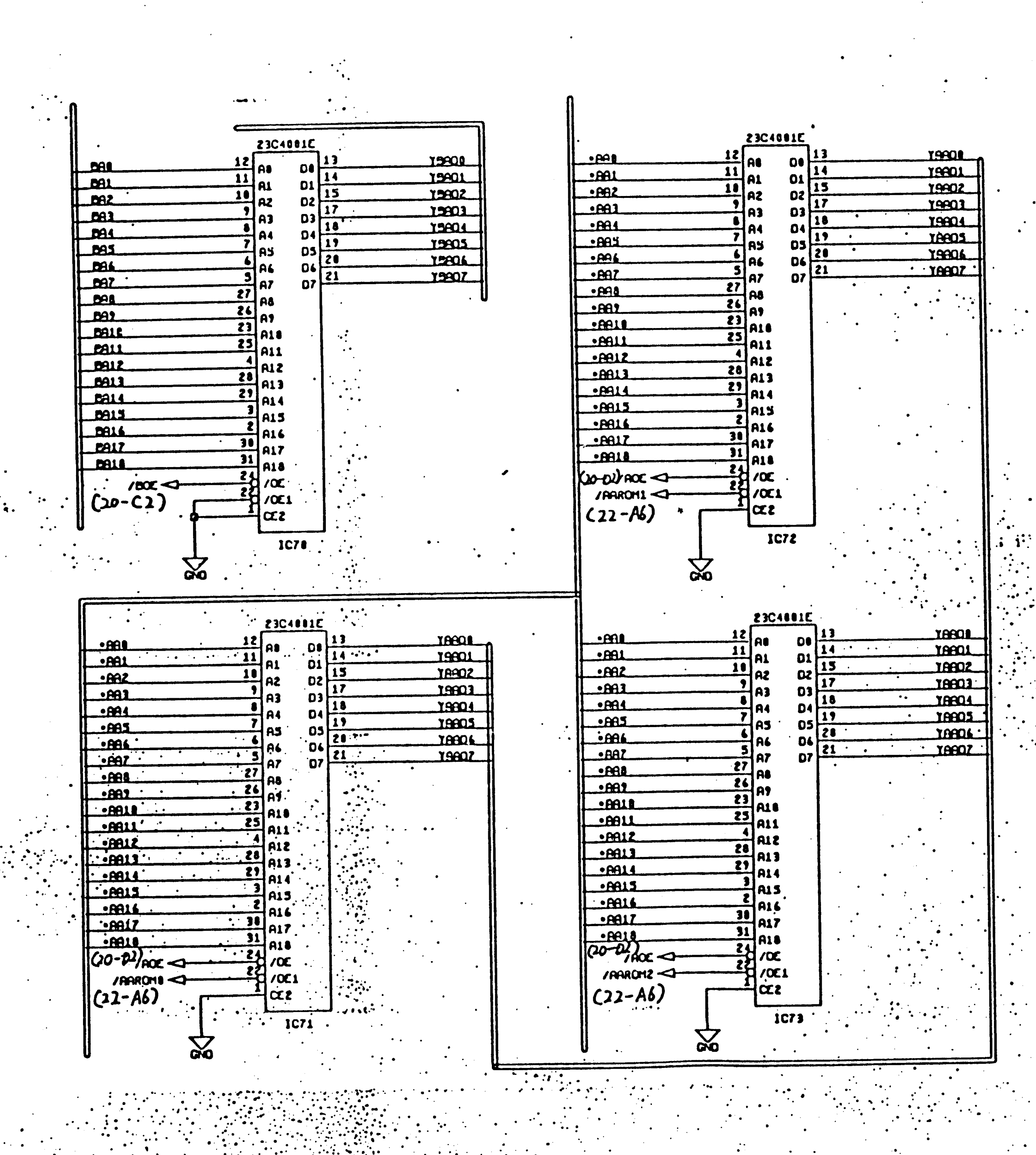
APPROVED

TAITO CORPORATION

NAME: CPU P.C. BOARD SCHEMATIC DIAGRAM

SIZE A3 | CODE IDENT NO. | DWG. NO. W5100290A

SCALE | RELEASE DATE | SHEET 24 -20



REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED

THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS

TOLERANCES

GENERAL ±

HOLE DIA ±

ANGLES ±

MATERIAL

FINISH

DO NOT SCALE DRAWING

DRAWN 8.11.88

DESIGN K. Morita

CHECK

APPROVED

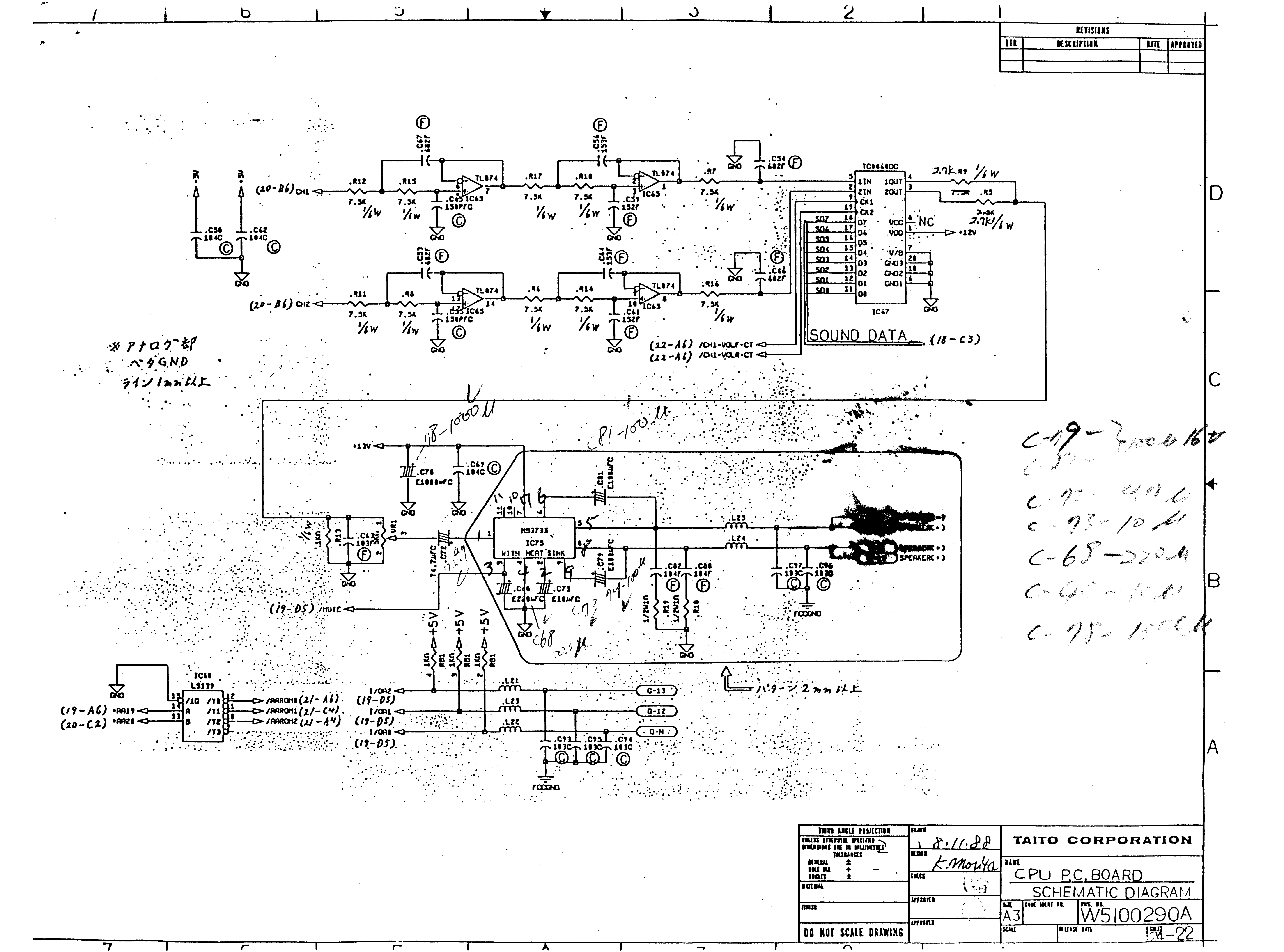
TAITO CORPORATION

NAME CPU P.C. BOARD SCHEMATIC DIAGRAM

SIZE A3

DWG. NO. W5100290A

SHEET 21 - 21



REVISIONS
LTR
DESCRIPTION
DATE
APPROVED
(20-B6) CH1
(20-B6) CH2
TL074
IC65
TC8668OC
IC67
1IN
2IN
CK1
CK2
1OUT
2OUT
VCC
VDD
NC
+12V
GND
SOUND DATA
(18-C3)
(22-A6) /CH1-VOLF-CT
(22-A6) /CH1-VOLR-CT
※アナログ部
ベタGND
ライン1mm以上
+13V
M51735
IC75
WITH HEAT SINK
(19-D5) /MUTE
FCCGND
IC68
LS139
(19-A6) *AA19
(20-C2) *AA20
/AAROM0 (21-A6)
/AAROM1 (21-C4)
/AAROM2 (21-A4)
I/OA2
I/OA1
I/OA0
(19-D5)
O-13
O-12
O-N
+5V
パターン2mm以上
THIRD ANGLE PROJECTION
DO NOT SCALE DRAWING
8.11.88
TAITO CORPORATION
CPU P.C. BOARD
SCHEMATIC DIAGRAM
A3
W5100290A
D
C
B
A

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED

G-F
G-6
G-5
G-E
G-3
G-C
G-4
G-D

L33
L32
L34
L35
L36
L38
L39
L37

C104 220μF
C105 220μF
C1 220μF
C10 220μF
C123 0.1μF
C122 0.1μF
C121 0.1μF
C120 0.1μF
C15 220μF
C1 220μF
C10 220μF
C78 220μF
C2 220μF
C024 103

FCCGND G-1
FCCGND G-A
FCCGND G-2
FCCGND G-B
FCCGND G-14
FCCGND G-15
FCCGND G-27
FCCGND G-/E
FCCGND G-28
FCCGND G-/F

FCCGND

L41
L40
L42
L43

GND

T.P1
T.P2
T.P3
T.P4
T.P5

THIRD ANGLE PROJECTION
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS
TOLERANCES
GENERAL ±
HOLE DIA ±
ANGLES ±
MATERIAL
FINISH
DO NOT SCALE DRAWING

DRAWN 8.11.88
DESIGN K. Morita
CHECK
APPROVED
APPROVED

TAITO CORPORATION
NAME CPU P.C. BOARD SCHEMATIC DIAGRAM
SIZE A3
CODE IDENT NO.
DWG. NO. W5100290A
SCALE
RELEASE DATE
SHEET 24 - 23

+5V	E-1	E-2	OD0
+5V	E-3	E-4	OD1
+5V	E-5	E-6	OD2
+5V	E-7	E-8	OD3
+5V	E-9	E-10	OD4
GND	E-11	E-12	OD5
GND	E-13	E-14	OD6
GND	E-15	E-16	OD7
GND	E-17	E-18	OD8
GND	E-19	E-20	OD9
GND	E-21	E-22	OD10
GND	E-23	E-24	OD11
GND	E-25	E-26	OD12
GND	E-27	E-28	OD13
GND	E-29	E-30	OD14
GND	E-31	E-32	OD15
GND	E-33	E-34	OA1
GND	E-35	E-36	OA2
GND	E-37	E-38	OA3
GND	E-39	E-40	OA4
GND	E-41	E-42	OA5
GND	E-43	E-44	OA6
GND	E-45	E-46	OA7
GND	E-47	E-48	OA8
GND	E-49	E-50	OA9
+5V	E-51	E-52	OA10
+5V	E-53	E-54	OR/W
+5V	E-55	E-56	OLDS
+5V	E-57	E-58	OUDS
+5V	E-59	E-60	

+5V	F-1	F-2	OBB0
+5V	F-3	F-4	OBB1
+5V	F-5	F-6	OBB2
+5V	F-7	F-8	OBB3
GND	F-9	F-10	OBB4
GND	F-11	F-12	OBB5
GND	F-13	F-14	OBB6
GND	F-15	F-16	OBB7
GND	F-17	F-18	OBB8
GND	F-19	F-20	OBB9
GND	F-21	F-22	OBB10
GND	F-23	F-24	OBB11
GND	F-25	F-26	OBB12
GND	F-27	F-28	
GND	F-29	F-30	VDCK0
GND	F-31	F-32	VDCK1
GND	F-33	F-34	VDCK2
GND	F-35	F-36	VDCK0•
GND	F-37	F-38	
GND	F-39	F-40	/H-SYNC•
GND	F-41	F-42	
GND	F-43	F-44	/HLD•
GND	F-45	F-46	/VLD•
GND	F-47	F-48	
GND	F-49	F-50	
GND	F-51	F-52	
+5V	F-53	F-54	OBJCS
+5V	F-55	F-56	OBJDTA
+5V	F-57	F-58	
+5V	F-59	F-60	

/MTRES	M-A	M-1	MTA0
GND	M-B	M-2	MTA1
GND	M-C	M-3	MTA2
GND	M-D	M-4	MTA3
GND	M-E	M-5	MTA4
GND	M-F	M-6	MTA5
GND	M-H	M-7	MTA6
GND	M-J	M-8	MTA7
GND	M-K	M-9	MTA8
GND	M-L	M-10	MTA9
GND	M-M	M-11	MTA10
GND	M-N	M-12	MTD0
GND	M-P	M-13	MTD1
GND	M-R	M-14	MTD2
GND	M-S	M-15	MTD3
GND	M-T	M-16	MTD4
GND	M-U	M-17	MTD5
GND	M-V	M-18	MTD6
GND	M-W	M-19	MTD7
GND	M-X	M-20	MTR/W
GND	M-Y	M-21	MOTOR
GND	M-Z	M-22	MTDTA
GND	M-/A	M-23	GND
GND	M-/B	M-24	MTCK
GND	M-/C	M-25	GND

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED

THIRD ANGLE PROJECTION
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS
TOLERANCES
GENERAL ±
HOLE DIA ±
ANGLES ±
MATERIAL
FINISH
DO NOT SCALE DRAWING

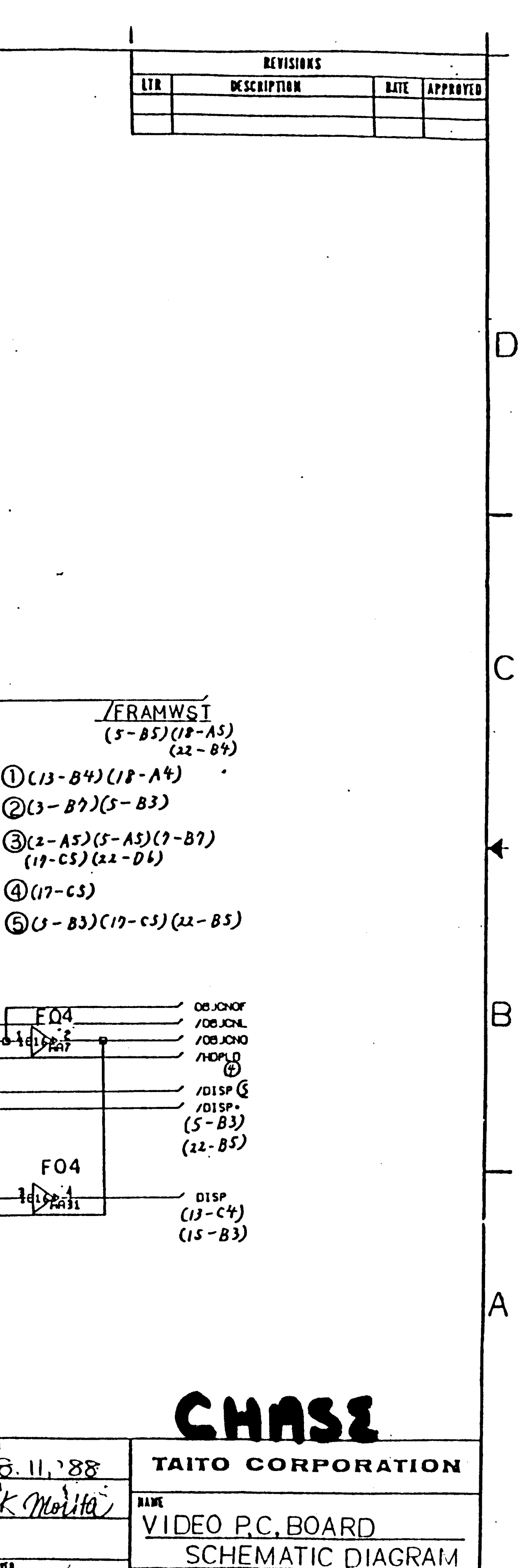
DRAWN 8.11.88
DESIGN K. Morita
CHECK
APPROVED
APPROVED

TAITO CORPORATION

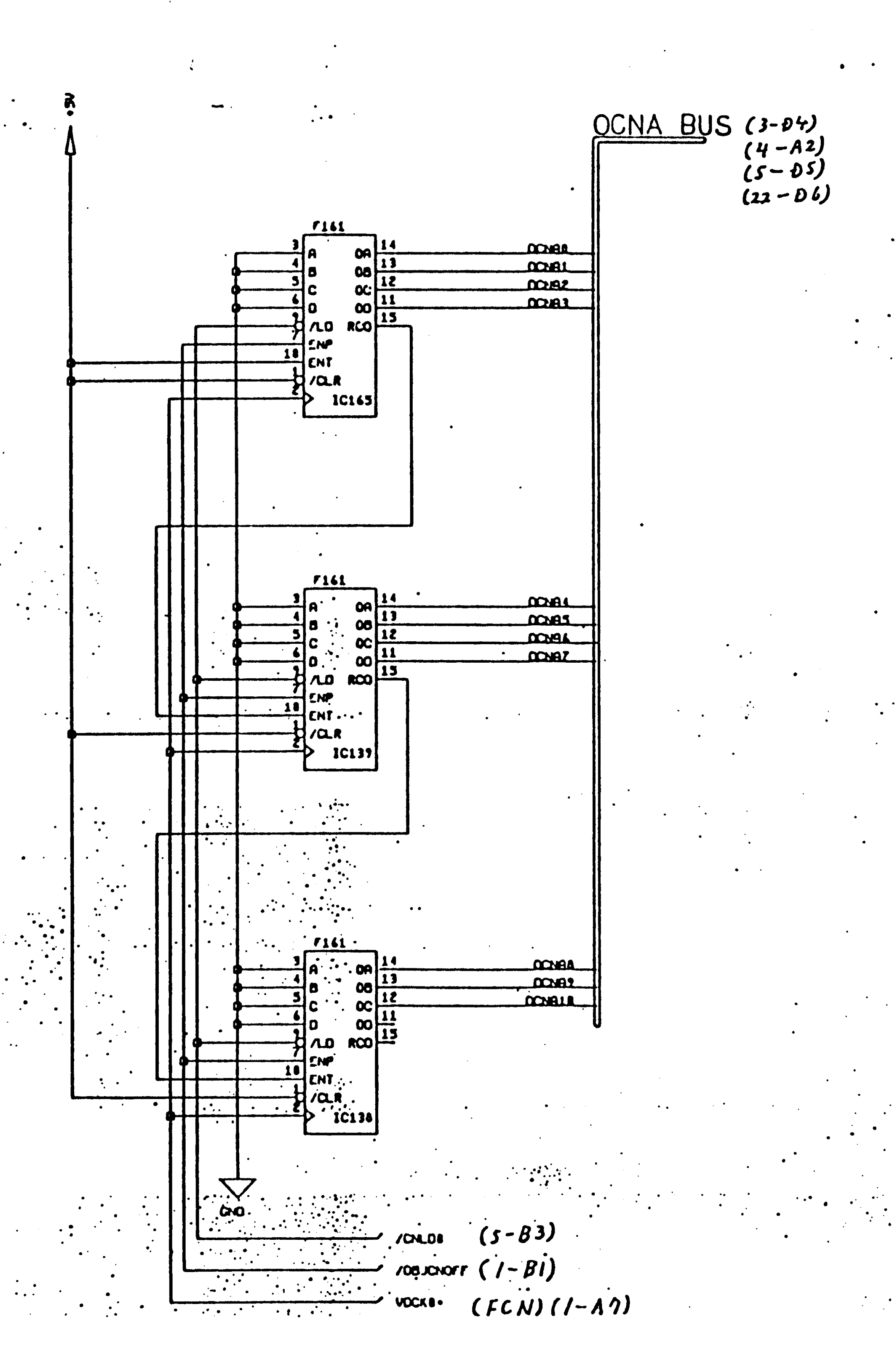
NAME CPU P.C. BOARD SCHEMATIC DIAGRAM

SIZE A3 | CODE IDENT NO. | DWG. NO. W5100290A

SCALE | RELEASE DATE | SHEET 24-24


REVISIONS
LTR
DESCRIPTION
DATE
APPROVED
VD BUS (18-C4)
IC137. LS163
IC177. LS163
IC156. HM7643A
LS174
IC157
IC159. LS163
IC178. LS163
IC136. HM7643A
F74
IC134
AA33
/FRAMWST
(5-B5)(18-A5)
(22-B4)
①(13-B4)(18-A4)
②(3-B7)(5-B3)
③(2-A5)(5-A5)(7-B7)
(19-C5)(22-D6)
④(17-C5)
⑤(5-B3)(17-C5)(22-B5)
IC158. LS163
IC179. LS163
IC135. HM7643A
F174
IC148
F04
OBJCNOF
/OBJCNL
/OBJCNO
/HDPLD
/DISP
/DISP
(5-B3)
(22-B5)
DISP
(13-C4)
(15-B3)
GND
(7-C7)(8-B3)
(1-A4)(6-B2)
(4-A7)(5-A6)
(2-A5)(3-A7)
/H-SYNC (FCN)
/VLD (FCN)
VOCK8 (FCN)
/HLD (FCN)
CHASE
TAITO CORPORATION
VIDEO P.C. BOARD
SCHEMATIC DIAGRAM
A3
CHASE HQ
W5100291A
8.11.'88
K Morita
THIRD ANGLE PROJECTION
DO NOT SCALE DRAWING

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED



D

C

B

A

THIRD ANGLE PROJECTION	DRAWN 8.11.'88	TAITO CORPORATION
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETRES TOLERANCES	DESIGN K.Morita	NAME VIDEO P.C. BOARD SCHEMATIC DIAGRAM
MATERIAL	CHECK	
FINISH	APPROVED	SIZE A3 / DWG. NO. W5100291A

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED

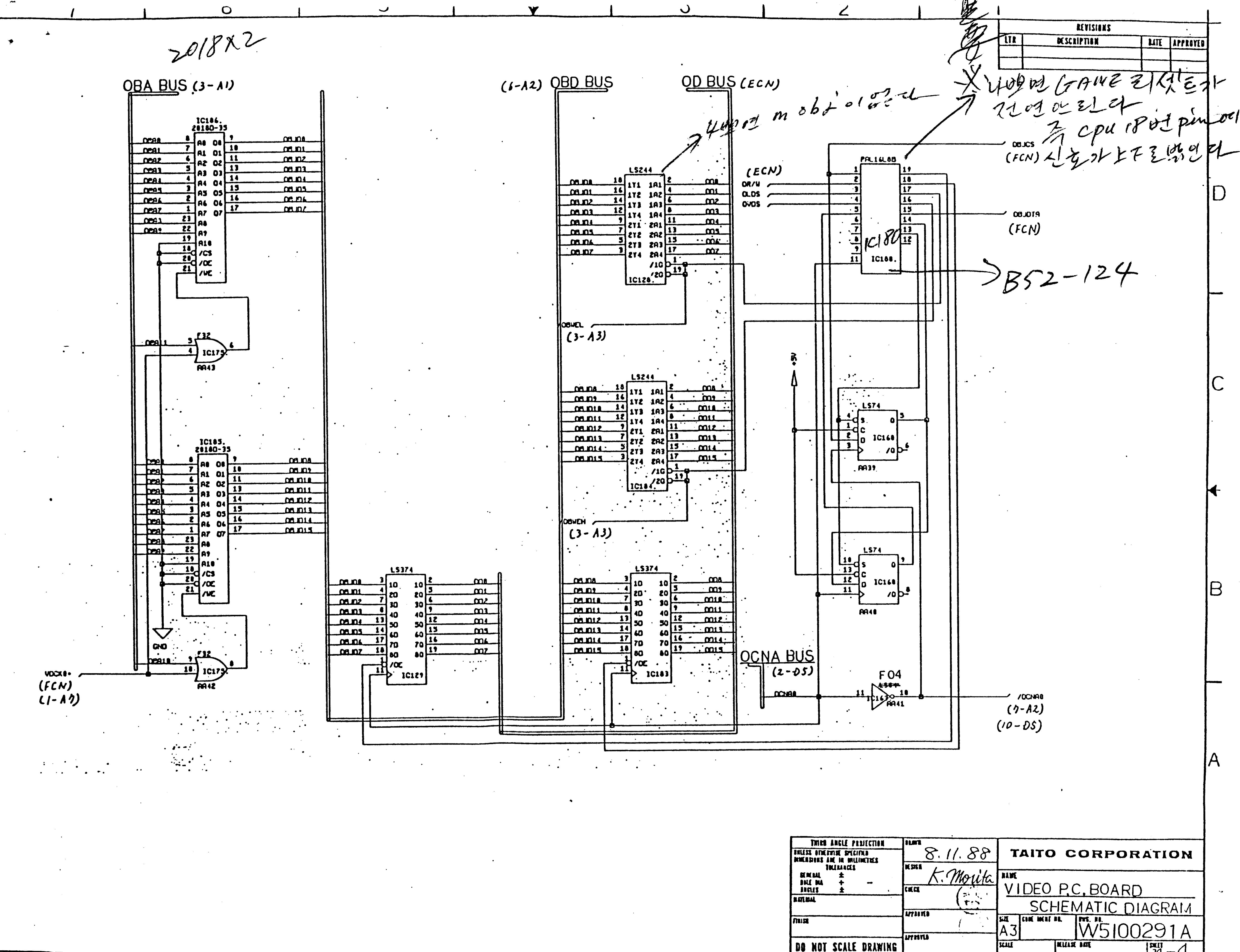
THIRD ANGLE PROJECTION	DRAWN 8.11.88
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETRES TOLERANCES	DESIGN K. Morita
MATERIAL	CHECK
FINISH	APPROVED
DO NOT SCALE DRAWING	APPROVED

TAITO CORPORATION

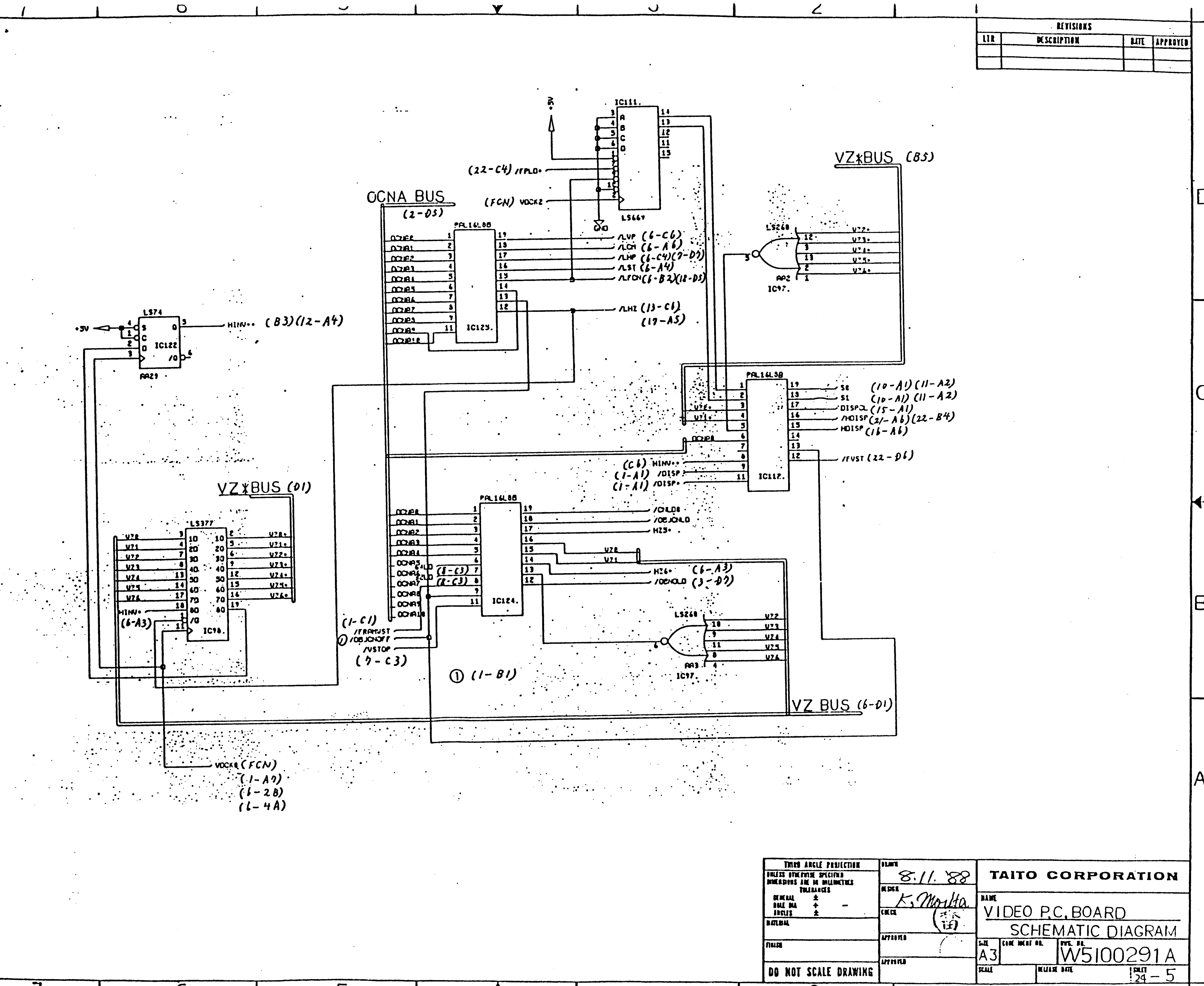
NAME: VIDEO P.C. BOARD SCHEMATIC DIAGRAM

SIZE: A3 — DWG. NO. W5100291A

SHEET 24 - 3

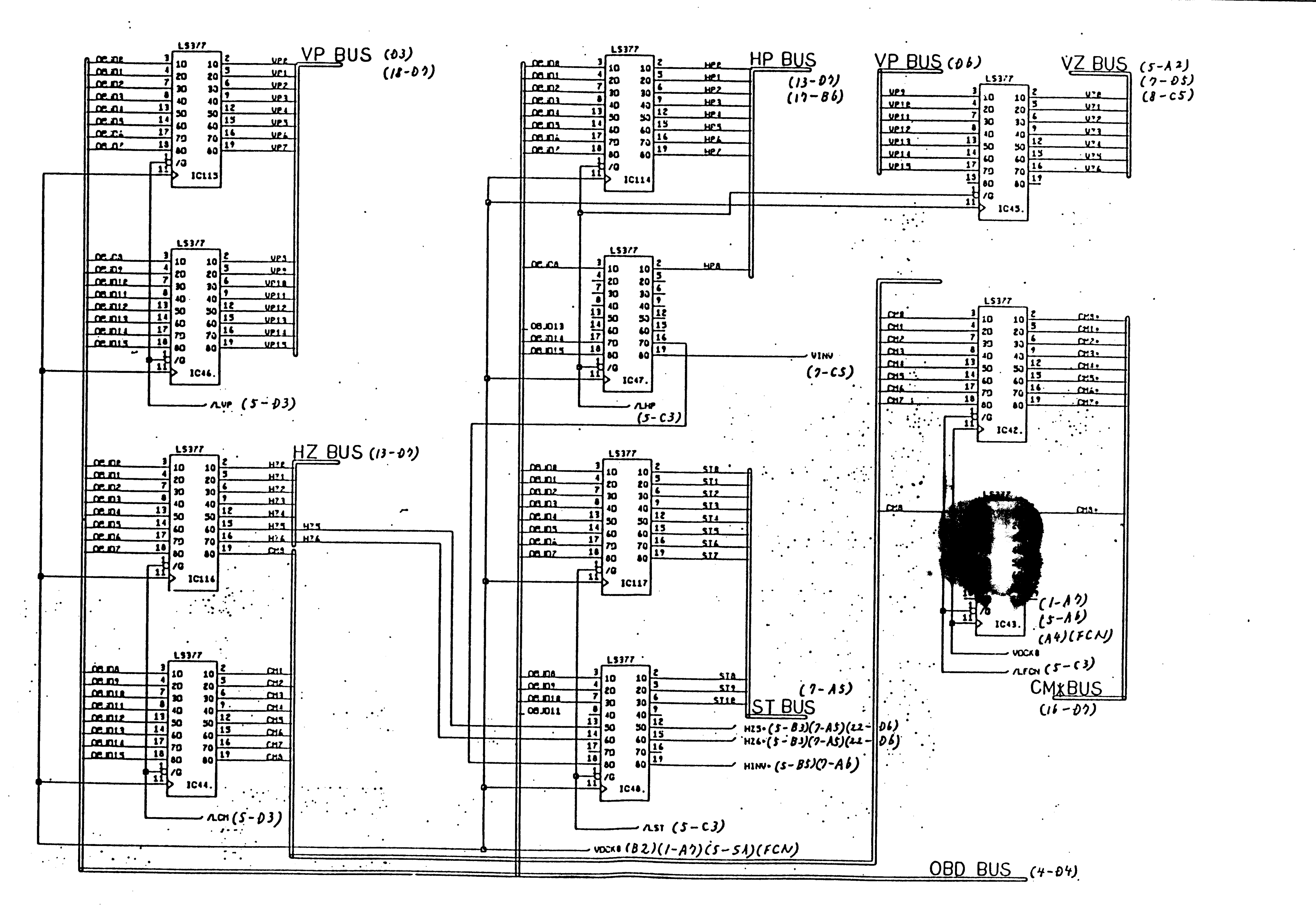


2018×2
OBA BUS (3-A1)
(6-A2) OBD BUS
OD BUS (ECN)
REVISIONS
LTR
DESCRIPTION
DATE
APPROVED
IC186.
2018D-35
IC185.
2018D-35
LS244
IC128
IC184
LS374
IC129
IC183
PAL16L8B
IC180
IC188
B52-124
(ECN)
OR/W
OLDS
OVDS
OBJCS
(FCN)
OBJOT9
(FCN)
LS74
IC168
AA39
AA48
F32
IC175
AA43
AA42
GND
VOCK0
(FCN)
(1-A7)
OBWEL
(3-A3)
OBWEH
(3-A3)
OCNA BUS
(2-D5)
F04
IC167
AA41
/OCNA0
(7-A2)
(10-D5)
D
C
B
A
THIRD ANGLE PROJECTION
DO NOT SCALE DRAWING
8.11.88
K. Morita
TAITO CORPORATION
VIDEO P.C. BOARD
SCHEMATIC DIAGRAM
A3
W5100291A
24-4

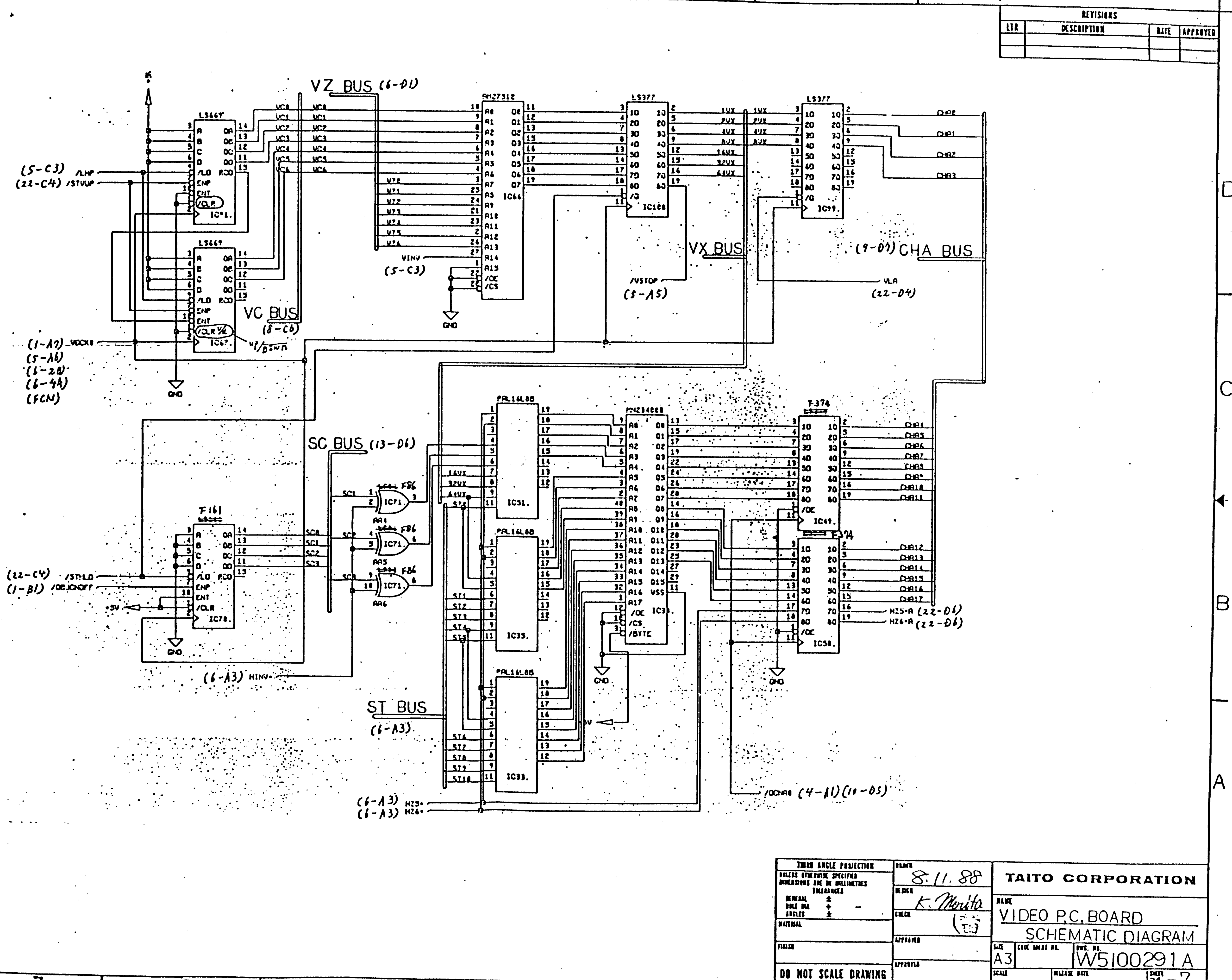


REVISIONS
LTR
DESCRIPTION
DATE
APPROVED
IC111
LS669
OCNA BUS
(2-D5)
PAL16L8B
IC125.
VZ*BUS (B5)
LS260
IC97.
LS74
IC122
HINV• (B3)(12-A4)
PAL16L8B
IC112.
(10-A1)(11-A2)
(15-A1)
(21-A6)(22-B4)
(16-A6)
/FVST (22-D6)
VZ*BUS (D1)
LS377
IC98.
PAL16L8B
IC124.
(6-A3)
(3-D7)
LS260
IC97.
VZ BUS (6-D1)
① (1-B1)
(7-C3)
VOCK8 (FCN)
(1-A7)
(1-2B)
(1-4A)
DO NOT SCALE DRAWING
8.11.'88
TAITO CORPORATION
VIDEO P.C. BOARD
SCHEMATIC DIAGRAM
A3
W5100291 A
24 - 5

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED

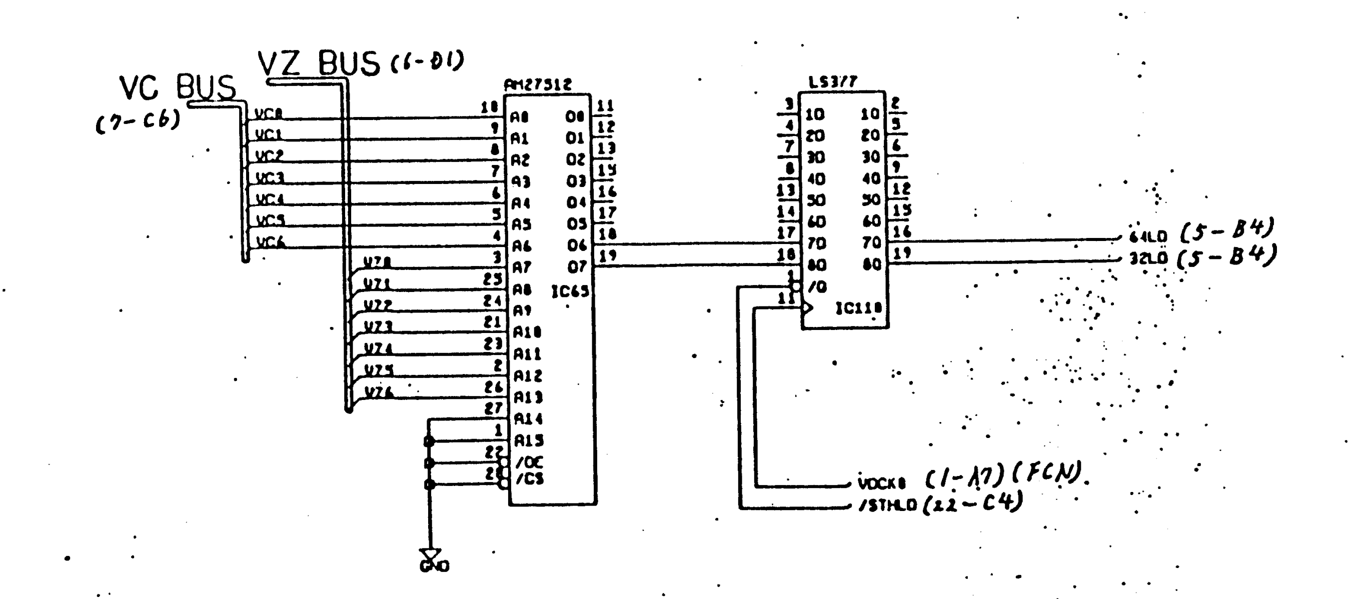


THIRD ANGLE PROJECTION	DRAWN 8.11.88	TAITO CORPORATION
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETRES TOLERANCES GENERAL ± HOLE DIA ± ANGLES ±	DESIGN K. Morita	NAME VIDEO P.C. BOARD SCHEMATIC DIAGRAM
MATERIAL	CHECK	SIZE A3 / DWG. NO. W5100291A
FINISH	APPROVED	
DO NOT SCALE DRAWING	APPROVED	SCALE / RELEASE DATE / SHEET 24-6



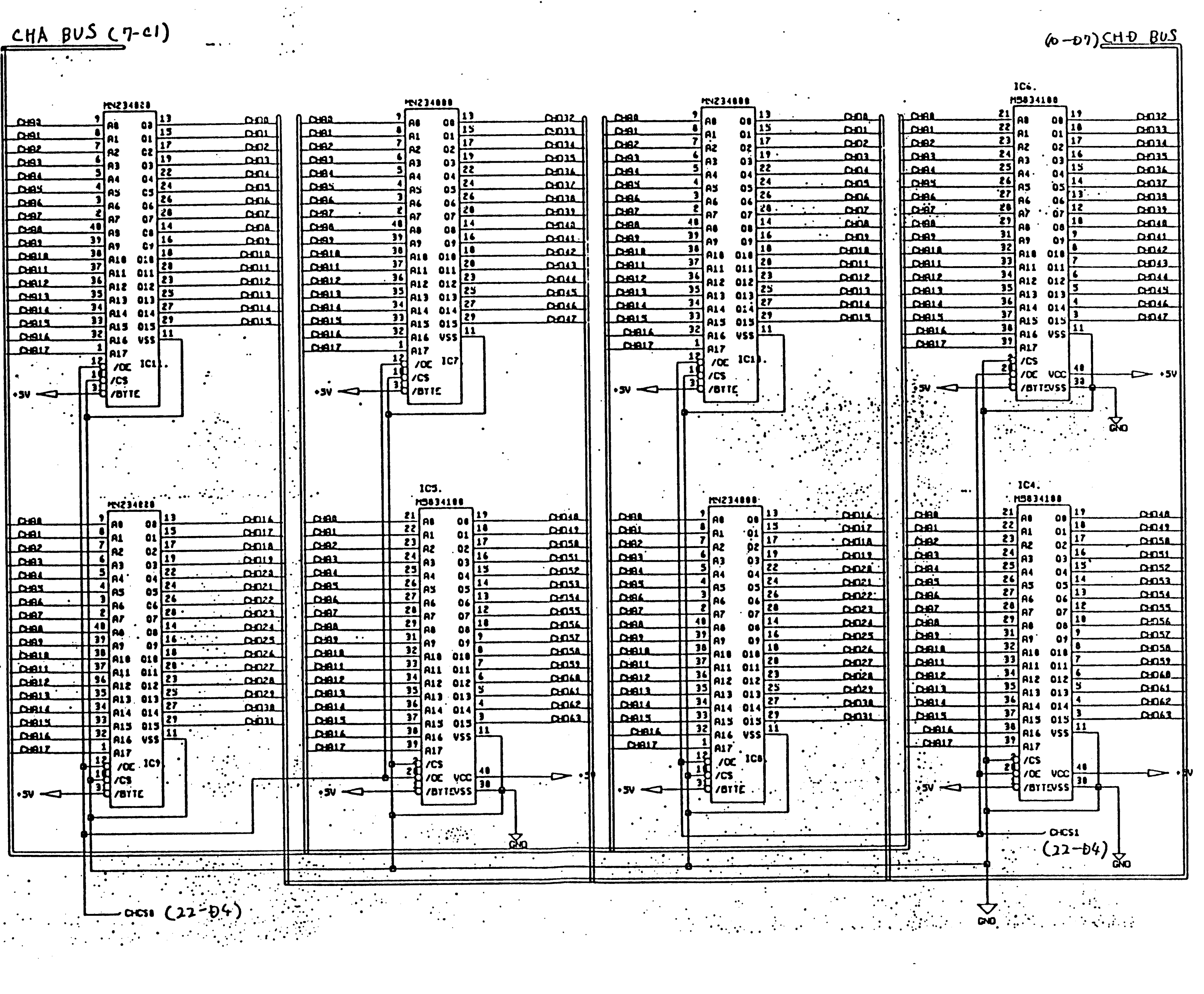
REVISIONS
LTR
DESCRIPTION
DATE
APPROVED
VZ BUS (6-D1)
VC BUS (8-C6)
SC BUS (13-D6)
ST BUS (6-A3)
VX BUS
(9-D1) CHA BUS
LS669
LS669
AM27512
LS377
LS377
F161
PAL16L8B
PAL16L8B
PAL16L8B
MN234000
F374
F374
F86
IC66
IC128
IC99
IC67
IC78
IC71
IC51
IC35
IC33
IC49
IC58
(5-C3) /LHP
(22-C4) /STVUP
(1-A7) VOCK8
(5-A6)
(6-2B)
(6-4A)
(FCN)
VINV
(5-C3)
/VSTOP
(5-A5)
VLA
(22-D4)
(22-C4) /STHLD
(1-B1) /OBJCHOFF
+5V
GND
(6-A3) HINV
(6-A3) HZ5
(6-A3) HZ6
HZ5*A (22-D6)
HZ6*A (22-D6)
/OCHA8 (4-A1) (10-D5)
UP/DOWN
D
C
B
A
7
6
5
2
THIRD ANGLE PROJECTION
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS
TOLERANCES
GENERAL ±
HOLE DIA ±
ANGLES ±
MATERIAL
FINISH
DO NOT SCALE DRAWING
DRAWN 8.11.88
DESIGN K. Morita
CHECK
APPROVED
APPROVED
TAITO CORPORATION
NAME
VIDEO P.C. BOARD
SCHEMATIC DIAGRAM
SIZE A3
CODE IDENT NO.
DWG. NO. W5100291 A
SCALE
RELEASE DATE
SHEET 7

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED



THIRD ANGLE PROJECTION	DRAWN 8.11.'88	TAITO CORPORATION		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETRES TOLERANCES GENERAL ± HOLE DIA + − ANGLES ±	DESIGN K. Morita	NAME VIDEO P.C. BOARD SCHEMATIC DIAGRAM		
MATERIAL	CHECK	SIZE A3	CODE IDENT NO.	DWG. NO. W5100291A
FINISH	APPROVED	SCALE	RELEASE DATE	SHEET 24 − 8
DO NOT SCALE DRAWING	APPROVED			

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED



THIRD ANGLE PROJECTION
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETRES TOLERANCES

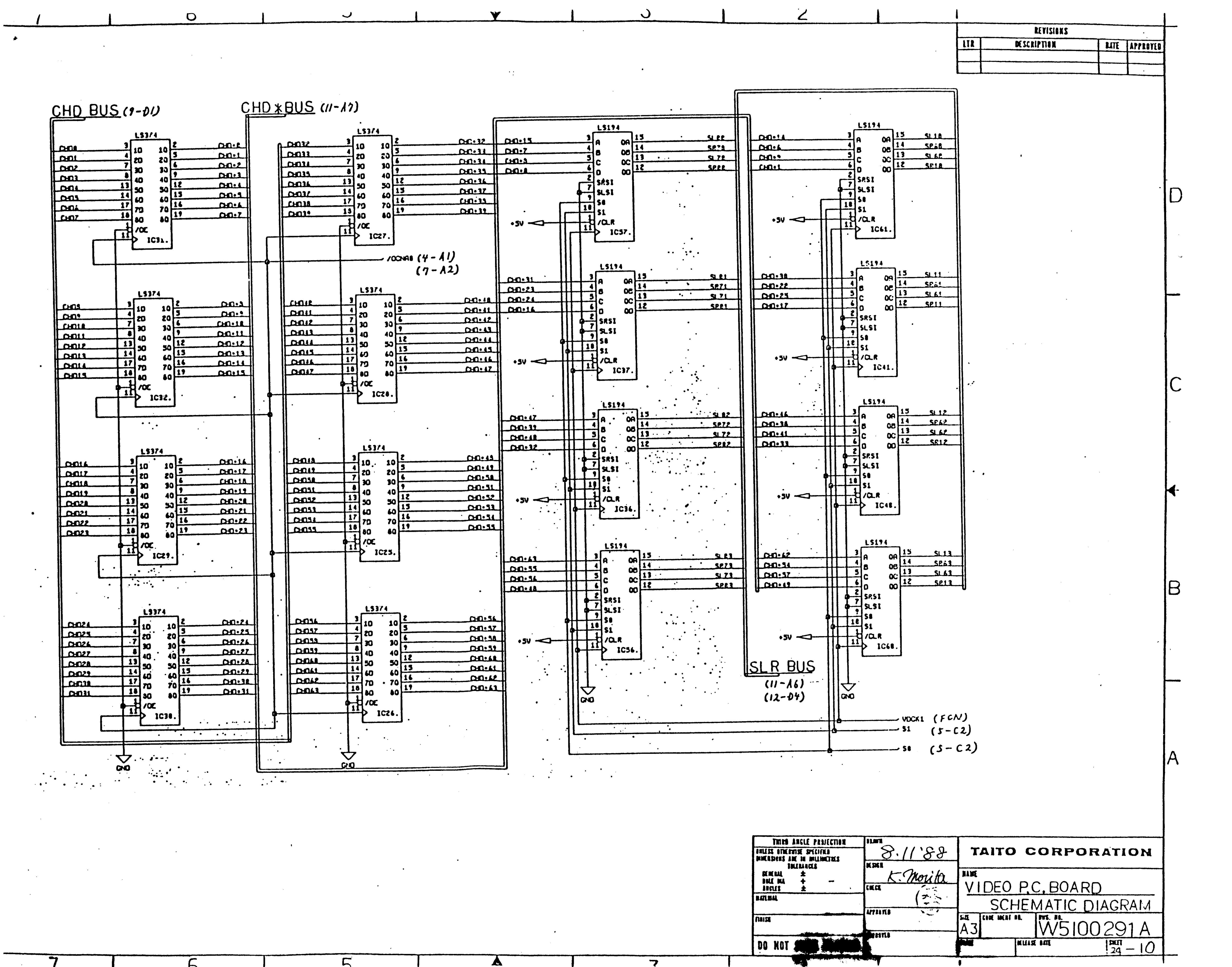
DRAWN 8.11'88
DESIGN K. Morita
CHECK
APPROVED

TAITO CORPORATION

NAME VIDEO P.C. BOARD SCHEMATIC DIAGRAM

SIZE A3 DWG. NO. W5100291A

DO NOT SCALE DRAWING


REVISIONS
LTR
DESCRIPTION
DATE
APPROVED
CHD BUS (9-D1)
CHD*BUS (11-A7)
LS374
IC31.
IC32.
IC29.
IC30.
IC27.
IC28.
IC25.
IC26.
/OCNAB (4-A1)
(7-A2)
LS194
IC57.
IC37.
IC36.
IC56.
IC61.
IC41.
IC40.
IC60.
+5V
GND
SLR BUS
(11-A6)
(12-D4)
VDCK1 (FCN)
S1 (5-C2)
S0 (5-C2)
D
C
B
A
THIRD ANGLE PROJECTION
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MILLIMETRES
TOLERANCES
GENERAL ±
HOLE DIA ±
ANGLES ±
MATERIAL
FINISH
DO NOT [redacted]
DRAWN
8.11.'88
DESIGN
K. Morita
CHECK
APPROVED
TAITO CORPORATION
NAME
VIDEO P.C. BOARD
SCHEMATIC DIAGRAM
SIZE
A3
DWG. NO.
W5100291A
RELEASE DATE
SHEET
24 - 10

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED

LS194 IC59

LS194 IC39

LS194 IC38

LS194 IC58

LS194 IC12

LS194 IC14

LS194 IC13

LS194 IC1

A B C D SRSI SLSI S0 S1 /CLR

QA QB QC QD

+5V

GND

(12-D4)
(10-A2)
SLR BUS

CHD BUS
(10-D6)

VDCK1 (FCN)
S1 (5-C2)
S0 (5-C2)

THIRD ANGLE PROJECTION
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETRES
TOLERANCES
GENERAL ±
HOLE DIA ±
ANGLES ±
MATERIAL
FINISH
DO NOT [redacted]

DRAWN 8.1.'88
DESIGN K. Morita
CHECK
APPROVED

TAITO CORPORATION

NAME
VIDEO P.C. BOARD
SCHEMATIC DIAGRAM

SIZE A3
DWG. NO. W5100291A
SHEET 24-11

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED

(10-A2) SLR BUS
(11-A6)

LS157 IC20: SL00, SP00, SL01, SP01, SL02, SP02, SL03, SP03 → SFB00, SFB01, SFB02, SFB03

LS157 IC24: SL10, SP10, SL11, SP11, SL12, SP12, SL13, SP13 → SFB10, SFB11, SFB12, SFB13

LS157 IC21: SL20, SP20, SL21, SP21, SL22, SP22, SL23, SP23 → SFB20, SFB21, SFB22, SFB23

LS157 IC3.: SL30, SP30, SL31, SP31, SL32, SP32, SL33, SP33 → SFB30, SFB31, SFB32, SFB33

LS157 IC2.: SL40, SP40, SL41, SP41, SL42, SP42, SL43, SP43 → SFB40, SFB41, SFB42, SFB43

LS157 IC22: SL50, SP50, SL51, SP51, SL52, SP52, SL53, SP53 → SFB50, SFB51, SFB52, SFB53

LS157 IC23: SL60, SP60, SL61, SP61, SL62, SP62, SL63, SP63 → SFB60, SFB61, SFB62, SFB63

LS157 IC19: SL70, SP70, SL71, SP71, SL72, SP72, SL73, SP73 → SFB70, SFB71, SFB72, SFB73

Pins: 1A, 1B, 2A, 2B, 3A, 3B, 4A, 4B, SEL, /G, 1Y, 2Y, 3Y, 4Y

(5-C5) HINV**

GND

(14-C5) SFB BUS

THIRD ANGLE PROJECTION
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETRES
TOLERANCES: GENERAL ±, HOLE DIA ±, ANGLES ±
MATERIAL
FINISH
DO NOT SCALE DRAWING

DRAWN 8.11.'88
DESIGN K. Morita
CHECK
APPROVED
APPROVED

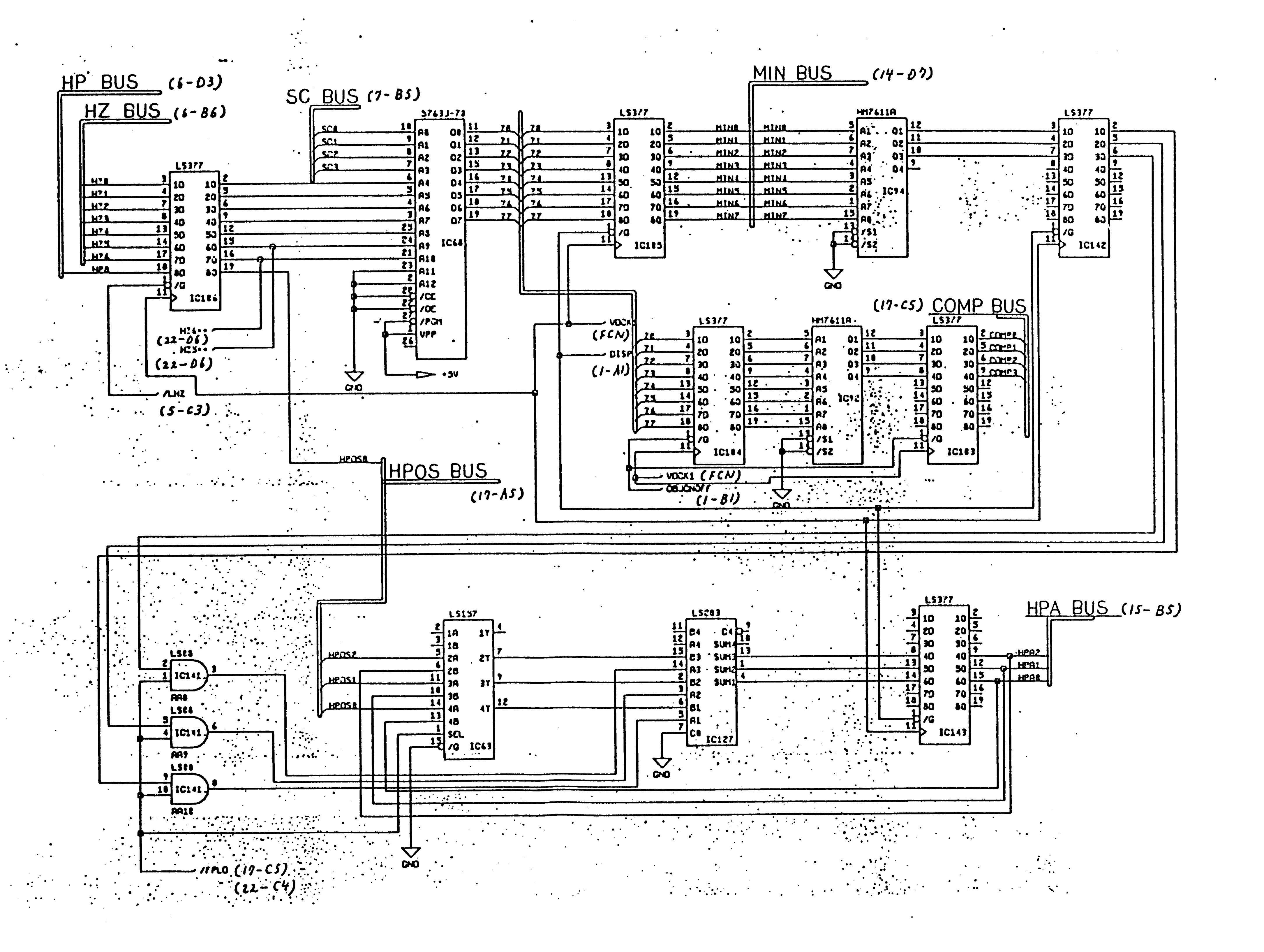
TAITO CORPORATION

NAME: VIDEO P.C. BOARD SCHEMATIC DIAGRAM

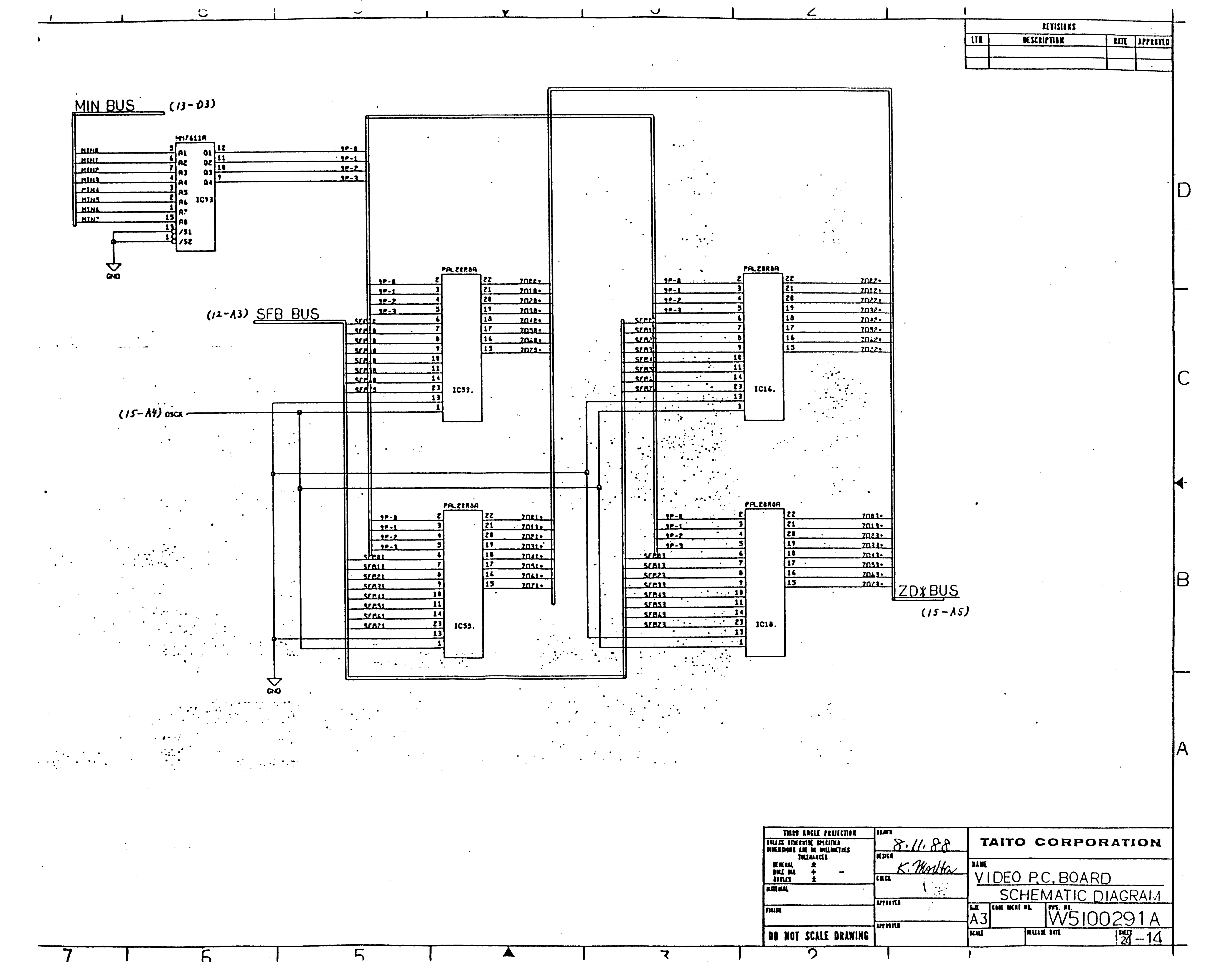
SIZE A3 | DWG. NO. W5100291A

SCALE | RELEASE DATE | SHEET 24-12

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED



THIRD ANGLE PROJECTION	DRAWN 8.11.'88	TAITO CORPORATION
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETRES TOLERANCES GENERAL ± HOLE DIA + − ANGLES ±	DESIGN K. Morita	NAME VIDEO P.C. BOARD SCHEMATIC DIAGRAM
MATERIAL	CHECK	SIZE A3 · CODE IDENT NO. · DWG. NO. W5100291A
FINISH	APPROVED	SCALE · RELEASE DATE · SHEET 24-13
DO NOT SCALE DRAWING	APPROVED	


MIN BUS (13-D3)
(12-A3) SFB BUS
(15-A4) OSCK
ZD* BUS
(15-A5)
IC93
IC53.
IC16.
IC55.
IC18.
GND
REVISIONS
LTR
DESCRIPTION
DATE
APPROVED
DO NOT SCALE DRAWING
8.11.88
TAITO CORPORATION
VIDEO P.C. BOARD
SCHEMATIC DIAGRAM
A3
W5100291A
14-14

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED

PAL20R8A IC52.

PAL20R8A IC15.

PAL20R8A IC54.

PAL20R8A IC17.

LS244 IC130.

LS244 IC110.

LS244 IC107.

LS244 IC72.

(13-B2) HPA BUS

(14-B1) ZDX BUS

FRD BUS
(16-D1) (21-D7)
(19-A5) (22-C7)
(20-A6)

DISP (1-A1)

(14-C6) DSCK

VDCK1 (FCN)

DISPCL (5-C2)

GND

THIRD ANGLE PROJECTION
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES

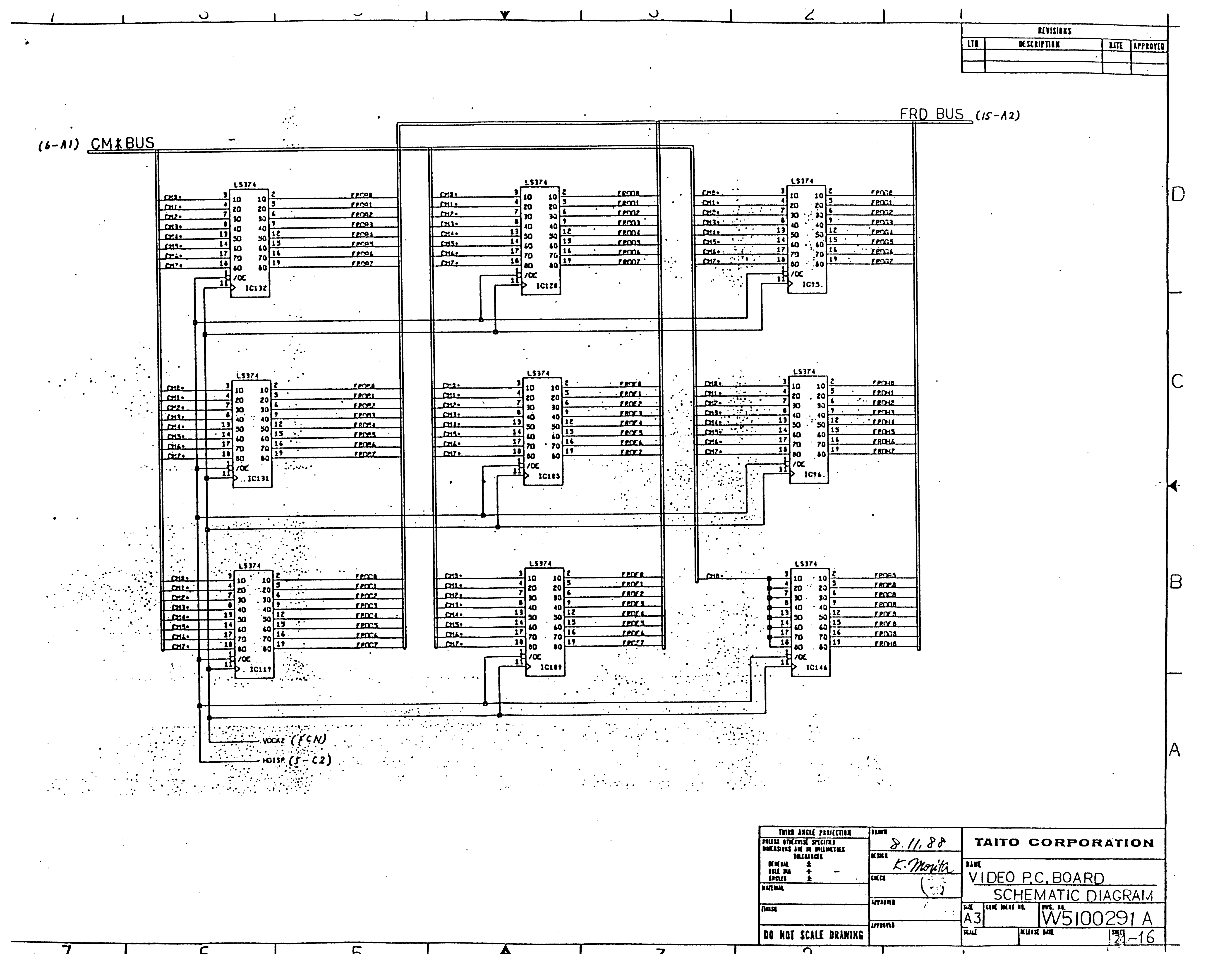
DRAWN 8.11.'88
DESIGN K. Morita

TAITO CORPORATION

VIDEO P.C. BOARD
SCHEMATIC DIAGRAM

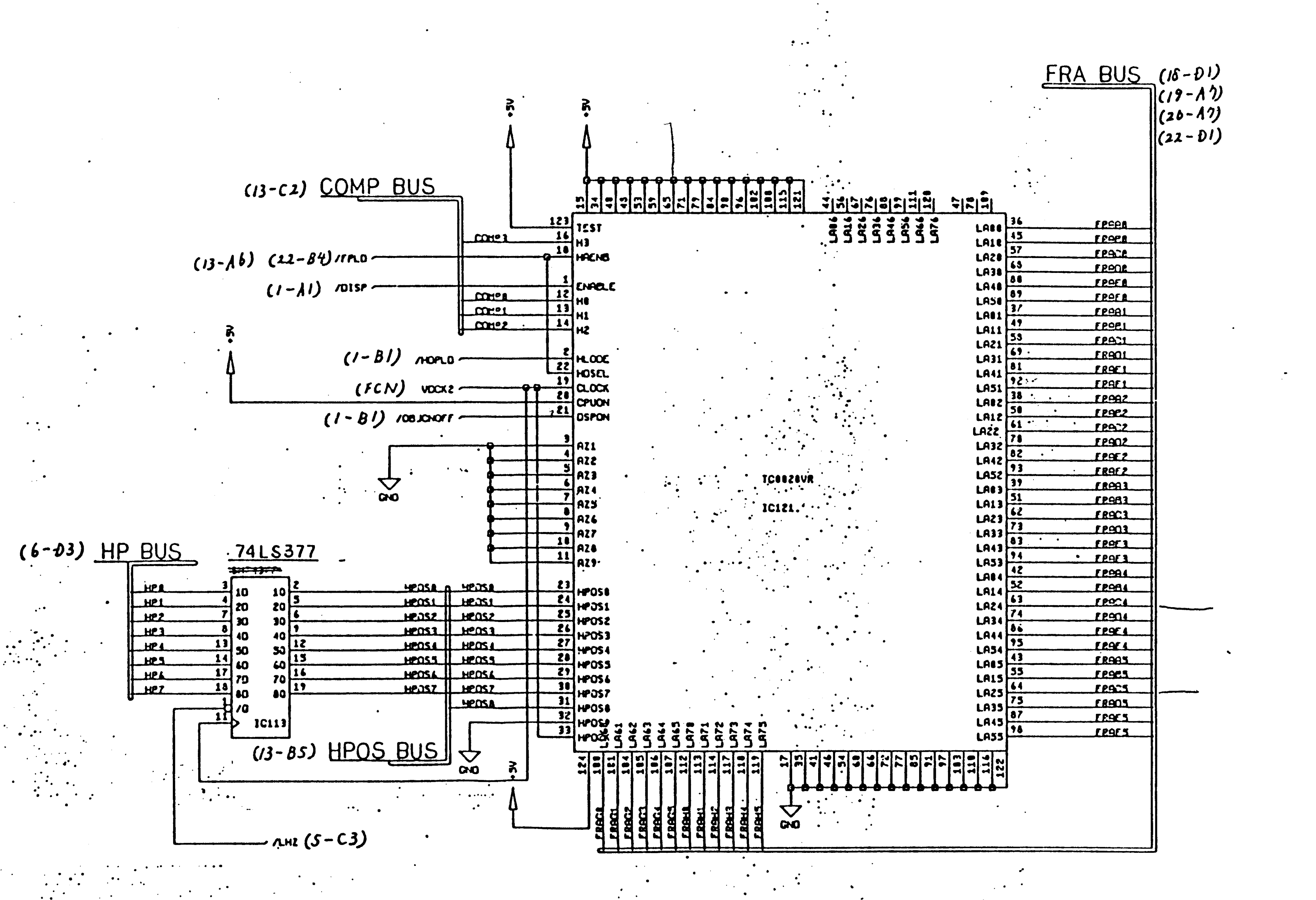
SIZE A3
DWG. NO. W5100291A
SHEET 24-15

DO NOT SCALE DRAWING

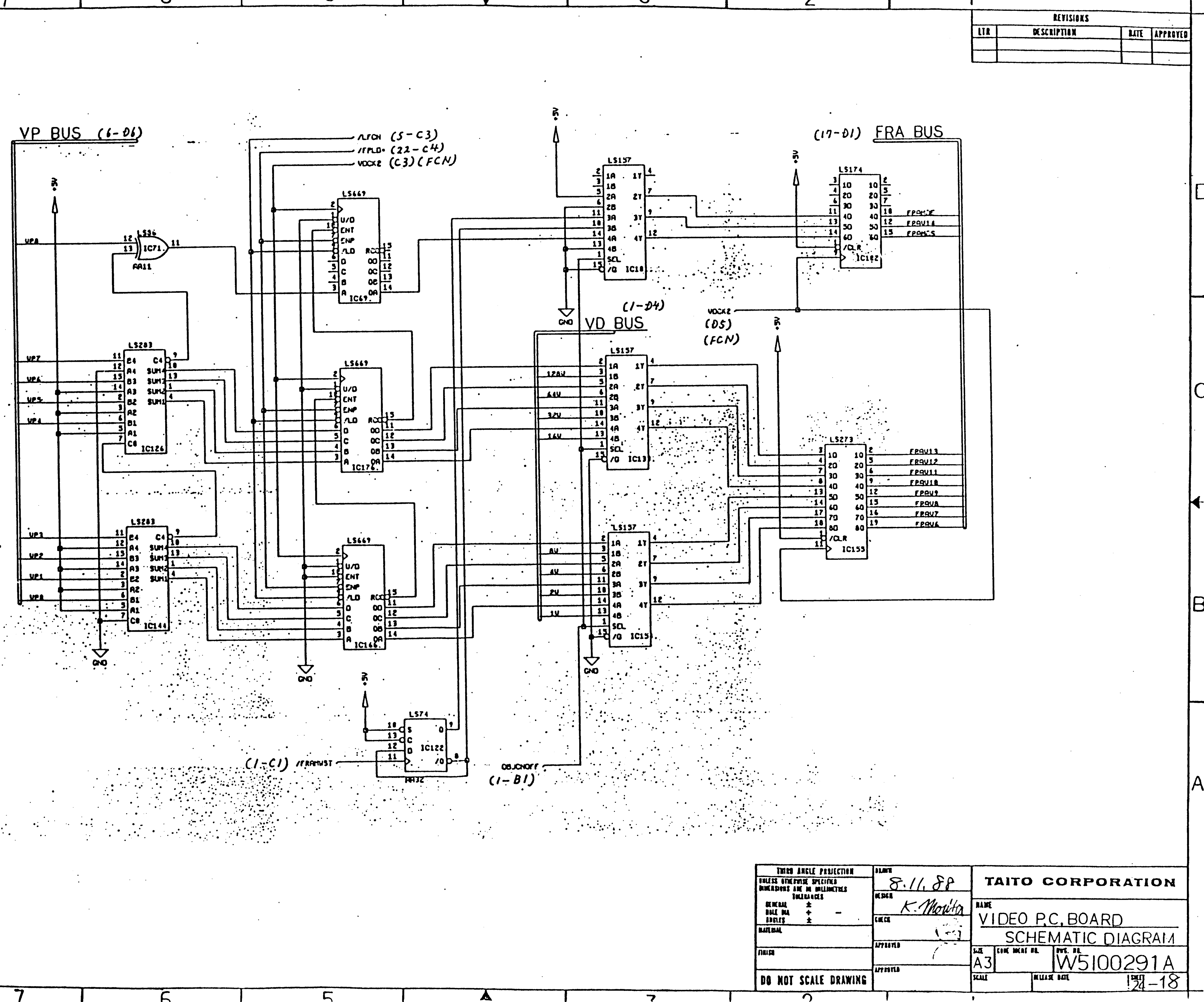


REVISIONS
LTR
DESCRIPTION
DATE
APPROVED
(6-A1) CM* BUS
FRD BUS (15-A2)
LS374
IC132
IC128
IC95
IC131
IC183
IC96
IC117
IC189
IC146
VOCK2 (FCN)
HDISP (5-C2)
THIRD ANGLE PROJECTION
DO NOT SCALE DRAWING
8.11.88
K. Morita
TAITO CORPORATION
VIDEO P.C. BOARD
SCHEMATIC DIAGRAM
A3
W5100291 A
21-16

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED



THIRD ANGLE PROJECTION	DRAWN 8.11.88	TAITO CORPORATION		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETRES TOLERANCES GENERAL ± HOLE DIA + − ANGLES ±	DESIGN K. Morita	NAME VIDEO P.C. BOARD SCHEMATIC DIAGRAM		
MATERIAL	CHECK	SIZE A3	CODE IDENT NO.	DWG. NO. W5100291 A
FINISH	APPROVED	SCALE	RELEASE DATE	SHEET 24 - 17
DO NOT SCALE DRAWING	APPROVED			



VP BUS (6-D6)
/LFCN (5-C3)
/FFLD* (22-C4)
VDCK2 (C3)(FCN)
(17-D1) FRA BUS
VD BUS
(1-D4)
VDCK2 (D5) (FCN)
(1-C1) /FRAMST
OBJCNOFF (1-B1)
LS157
LS174
LS669
LS283
LS273
LS74
LS86
GND
REVISIONS
LTR
DESCRIPTION
DATE
APPROVED
THIRD ANGLE PROJECTION
DO NOT SCALE DRAWING
8.11.88
K. Morita
TAITO CORPORATION
VIDEO P.C. BOARD
SCHEMATIC DIAGRAM
A3
W5100291A
24-18

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED

PD43256 IC88

PD43256 IC84

PD43256 IC80

PD43256 IC76

PD43256 IC87

PD43256 IC83

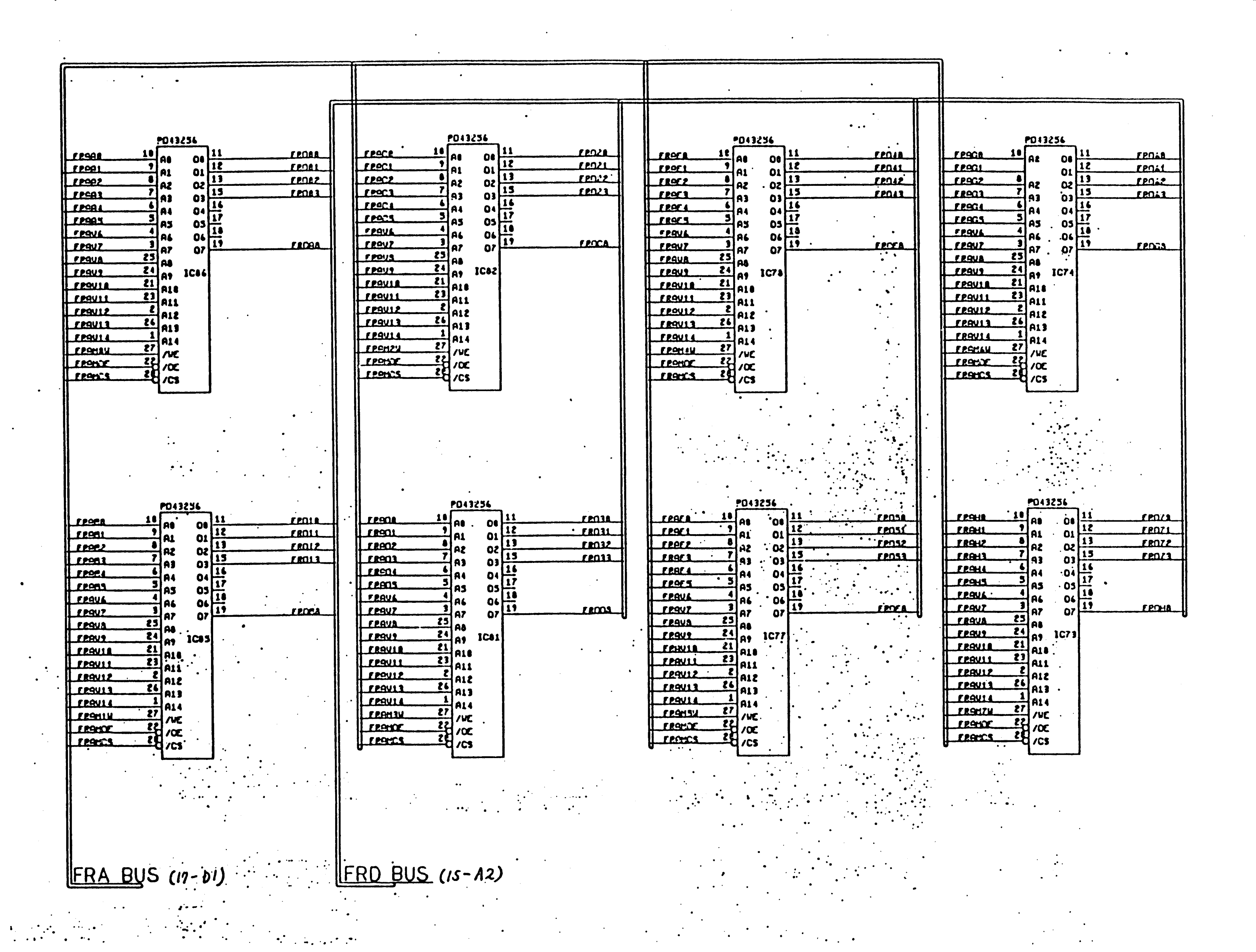
PD43256 IC79

PD43256 IC75

FRA BUS (17-D1)

FRD BUS (15-A2)

THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETRES TOLERANCES GENERAL ± HOLE DIA ± ANGLES ±	DRAWN 8.11.88 DESIGN K. Morita CHECK (…)	TAITO CORPORATION	
MATERIAL	APPROVED	NAME VIDEO P.C. BOARD SCHEMATIC DIAGRAM	
FINISH		SIZE A3	DWG. NO. W5100291A
DO NOT SCALE DRAWING	APPROVED	SCALE	RELEASE DATE	SHEET 24-19



REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED

THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETRES TOLERANCES

GENERAL ±
HOLE DIA ±
ANGLES ±

MATERIAL

FINISH

DO NOT SCALE DRAWING

DRAWN 8.11.88

DESIGN K. Morita

CHECK

APPROVED

APPROVED

TAITO CORPORATION

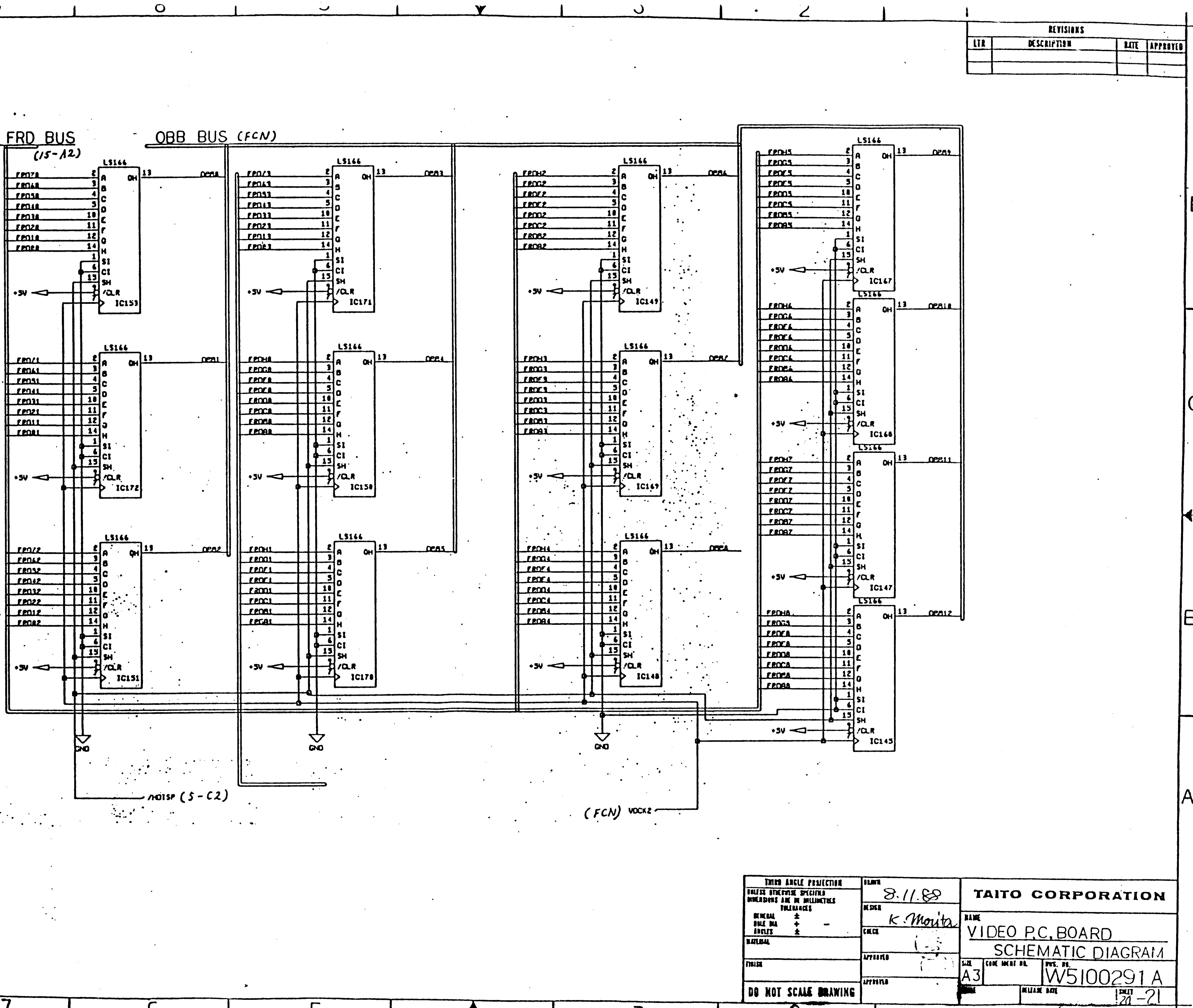
NAME VIDEO P.C. BOARD SCHEMATIC DIAGRAM

SIZE A3

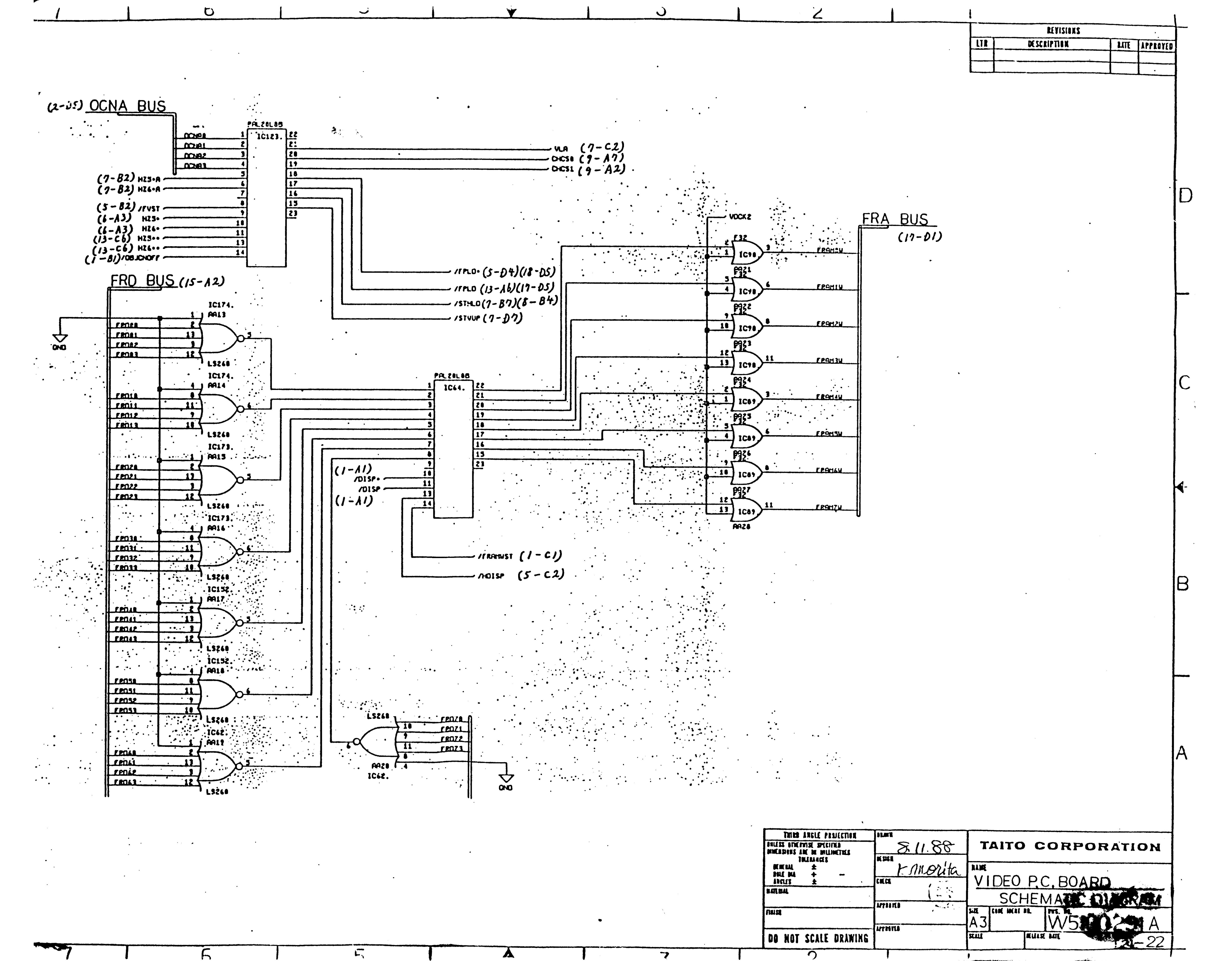
DWG. NO. W5100291A

SCALE

SHEET 14-20



FRD BUS
(15-A2)
OBB BUS (FCN)
LS166
IC153
IC172
IC151
IC171
IC158
IC170
IC149
IC169
IC148
IC167
IC166
IC147
IC145
+5V
GND
/HDISP (5-C2)
(FCN) VOCK2
REVISIONS
LTR
DESCRIPTION
DATE
APPROVED
THIRD ANGLE PROJECTION
DO NOT SCALE DRAWING
8.11.88
K. Morita
TAITO CORPORATION
VIDEO P.C. BOARD
SCHEMATIC DIAGRAM
A3
W5100291 A


REVISIONS
LTR
DESCRIPTION
DATE
APPROVED
(2-D5) OCNA BUS
PAL20L8B
IC123.
VLA (7-C2)
CHCS0 (9-A7)
CHCS1 (9-A2)
/FPLD• (5-D4)(18-D5)
/FPLD (13-A6)(17-D5)
/STHLD (7-B7)(8-B4)
/STVUP (7-D7)
FRD BUS (15-A2)
FRA BUS (17-D1)
VOCK2
GND
LS260
PAL20L8B
IC64.
/DISP•
/DISP
(1-A1)
/FRAMST (1-C1)
/HDISP (5-C2)
THIRD ANGLE PROJECTION
DO NOT SCALE DRAWING
8.11.88
K.Morita
TAITO CORPORATION
VIDEO P.C. BOARD
SCHEMA
A3
W5
A

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED

NODE4

H-5, H-6, H-7, H-8

H-1 FCC-GND, H-2 FCC-GND, H-3 FCC-GND, H-4 FCC-GND

FCC-GND

H-9, H-10, H-11, H-12

L1, L2, L3, L4, L5, L6

C1 220MF Ⓔ, C2 104 Ⓒ, C3 220MF Ⓔ, C4 104 Ⓒ, C5 220MF Ⓔ, C6 220MF Ⓔ, C7 220MF Ⓔ, C8 220MF Ⓔ

+5V

GND

T.P1, T.P2, T.P3, T.P4, T.P5

THIRD ANGLE PROJECTION. UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS. TOLERANCES: GENERAL ±, HOLE DIA ±, ANGLES ±	DRAWN 8.11.88	TAITO CORPORATION
MATERIAL	DESIGN K. Morita	NAME VIDEO P.C. BOARD SCHEMATIC DIAGRAM
FINISH	CHECK	SIZE A3 · CODE IDENT NO. · DWG. NO. W5100291A
DO NOT SCALE DRAWING	APPROVED	SCALE · RELEASE DATE · SHEET 24-23